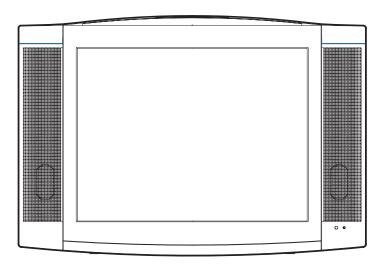


# SERVICE MANUAL

This service manual is for the EWL20S5 version B model, which is different from the original EWL20S5 and the EWL20S5 version A model. For EWL20S5 version B model, a suffix "B" is printed on the rating label on the back of the unit. Refer to the rating label illustration at right.



# 20" COLOR LCD TELEVISION EWL20S5



# **IMPORTANT SAFETY NOTICE**

Proper service and repair is important to the safe, reliable operation of all Funai Equipment. The service procedures recommended by Funai and described in this service manual are effective methods of performing service operations. Some of these service special tools should be used when and as recommended.

It is important to note that this service manual contains various CAUTIONS and NOTICES which should be carefully read in order to minimize the risk of personal injury to service personnel. The possibility exists that improper service methods may damage the equipment. It also is important to understand that these CAUTIONS and NOTICES ARE NOT EXHAUSTIVE. Funai could not possibly know, evaluate and advice the service trade of all conceivable ways in which service might be done or of the possible hazardous consequences of each way. Consequently, Funai has not undertaken any such broad evaluation. Accordingly, a servicer who uses a service procedure or tool which is not recommended by Funai must first use all precautions thoroughly so that neither his safety nor the safe operation of the equipment will be jeopardized by the service method selected.

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The LCD panel is manufactured to provide many years of useful life.

Occasionally a few non active pixels may appear as a tiny spec of color.

This is not to be considered a defect in the LCD screen.

# **SPECIFICATIONS**

# < TUNER >

ANT. Input ----- 75 ohm Unbal., F type

Reference Level------ 20 Vp-p (LCD Green Cathode)

Test Input Signal ----- 400 Hz 30% modulation

Description	Condition	Unit	Nominal	Limit
1. Intermediate Freq.	Picture Sound	MHz MHz	45.75 41.25	
2. Color Killer Sens.	CH-2 CH-10 CH-55	dΒμV dΒμV dΒμV	15 15 15	20 20 20
3. AFT Pull In Range (10 mV input)		MHz	±2.1	±0.7

#### < LCD PANEL >

Description	Condition	Unit	Nominal	Limit
1. Number of Pixels	Horizontal Vertical	pixels pixels	640 × 3 480	
2. Brightness		cd/m <sup>2</sup>	500	
3. Response Time		msec	16	
4. Support Color		-	26 mil. (6 bit)	
5. Viewing Angle	Horizontal Vertical	0	-80 to 80 -65 to 70	

#### < VIDEO >

Description	Condition	Unit	Nominal	Limit
1. Over Scan	Horizontal Vertical	% %	7 7	
2. Color Temperature	 x y	°K	11000 0.276 0.282	±0.005 ±0.005
3. Resolution	Horizontal Vertical	line line	400 350	

#### < AUDIO >

All items are measured across 8  $\Omega$  load at speaker output terminal with L.P.F.

Description	Condition	Unit	Nominal	Limit
1. Audio Output Power	10% THD: Lch/Rch	W	1.0/1.0	0.8/0.8
2. Audio Distortion	500mW: Lch/Rch	%	1.0/1.0	4.0/4.0
3. Audio Freq. Response -3dB: Lo		Hz Hz	50 to 12 k 50 to 12 k	

**Note:** Nominal specifications represent the design specifications. All units should be able to approximate these. Some will exceed and some may drop slightly below these specifications. Limit specifications represent the absolute worst condition that still might be considered acceptable. In no case should a unit fail to meet limit specifications.

1-1 L2500SP

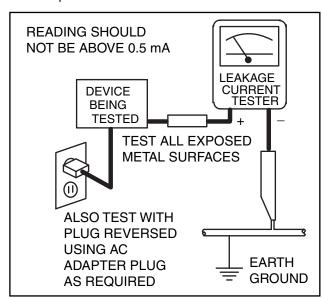
# **IMPORTANT SAFETY PRECAUTIONS**

Prior to shipment from the factory, our products are strictly inspected for recognized product safety and electrical codes of the countries in which they are to be sold. However, in order to maintain such compliance, it is equally important to implement the following precautions when a set is being serviced.

# Safety Precautions for LCD TV Circuit

- Before returning an instrument to the customer, always make a safety check of the entire instrument, including, but not limited to, the following items:
  - a. Be sure that no built-in protective devices are defective and have been defeated during servicing. (1) Protective shields are provided on this chassis to protect both the technician and the customer. Correctly replace all missing protective shields, including any removed for servicing convenience. (2) When reinstalling the chassis and/or other assembly in the cabinet, be sure to put back in place all protective devices, including but not limited to. nonmetallic control knobs, insulating fishpapers, adjustment and compartment covers/shields, and isolation resistor/capacitor networks. Do not operate this instrument or permit it to be operated without all protective devices correctly installed and functioning. Servicers who defeat safety features or fail to perform safety checks may be liable for any resulting damage.
  - b. Be sure that there are no cabinet openings through which an adult or child might be able to insert their fingers and contact a hazardous voltage. Such openings include, but are not limited to, (1) spacing between the Liquid Crystal Panel and the cabinet mask, (2) excessively wide cabinet ventilation slots, and (3) an improperly fitted and/or incorrectly secured cabinet back cover.
  - c. Antenna Cold Check With the instrument AC plug removed from any AC source, connect an electrical jumper across the two AC plug prongs. Place the instrument AC switch in the on position. Connect one lead of an ohmmeter to the AC plug prongs tied together and touch the other ohmmeter lead in turn to each tuner antenna input exposed terminal screw and, if applicable, to the coaxial connector. If the measured resistance is less than 1.0 megohm or greater than 5.2 megohm, an abnormality exists that must be corrected before the instrument is returned to the customer. Repeat this test with the instrument AC switch in the off position.

d. Leakage Current Hot Check - With the instrument completely reassembled, plug the AC line cord directly into a 120 V AC outlet. (Do not use an isolation transformer during this test.) Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI) C101.1 Leakage Current for Appliances and Underwriters Laboratories (UL) 1410, (50.7). With the instrument AC switch first in the on position and then in the off position, measure from a known earth ground (metal water pipe, conduit, etc.) to all exposed metal parts of the instrument (antennas, handle brackets, metal cabinet, screw heads, metallic overlays, control shafts, etc.), especially any exposed metal parts that offer an electrical return path to the chassis. Any current measured must not exceed 0.5 milli-ampere. Reverse the instrument power cord plug in the outlet and repeat the test.



ANY MEASUREMENTS NOT WITHIN THE LIMITS SPECIFIED HEREIN INDICATE A POTENTIAL SHOCK HAZARD THAT MUST BE ELIMINATED BEFORE RETURNING THE INSTRUMENT TO THE CUSTOMER OR BEFORE CONNECTING THE ANTENNA OR ACCESSORIES.

2. Read and comply with all caution and safetyrelated notes on or inside the receiver cabinet, on the receiver chassis, or on the Liquid Crystal Panel.

2-1 LTVN ISP

3. Design Alteration Warning - Do not alter or add to the mechanical or electrical design of this TV receiver. Design alterations and additions, including, but not limited to circuit modifications and the addition of items such as auxiliary audio and/or video output connections, might alter the safety characteristics of this receiver and create a hazard to the user. Any design alterations or additions will void the manufacturer's warranty and may make you, the servicer, responsible for personal injury or property damage resulting therefrom.

#### 4. Hot Chassis Warning -

- a. Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord and maybe safety-serviced without an isolation transformer only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC power source. To confirm that the AC power plug is inserted correctly, with an AC voltmeter, measure between the chassis and a known earth ground. If a voltage reading in excess of 1.0V is obtained, remove and reinsert the AC power plug in the opposite polarity and again measure the voltage potential between the chassis and a known earth ground.
- b. Some TV receiver chassis normally have 85V AC(RMS) between chassis and earth ground regardless of the AC plug polarity. This chassis can be safety-serviced only with an isolation transformer inserted in the power line between the receiver and the AC power source, for both personnel and test equipment protection.
- c. Some TV receiver chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is not isolated from the AC power line. The two ground systems are electrically separated by insulation material that must not be defeated or altered.
- 5. Observe original lead dress. Take extra care to assure correct lead dress in the following areas: a. near sharp edges, b. near thermally hot parts-be sure that leads and components do not touch thermally hot parts, c. the AC supply, d. high voltage, and, e. antenna wiring. Always inspect in all areas for pinched, out of place, or frayed wiring. Check AC power cord for damage.
- 6. Components, parts, and/or wiring that appear to have overheated or are otherwise damaged should be replaced with components, parts, or wiring that meet original specifications. Additionally, determine the cause of overheating and/or damage and, if necessary, take corrective action to remove any potential safety hazard.

7. Product Safety Notice - Some electrical and mechanical parts have special safety-related characteristics which are often not evident from visual inspection, nor can the protection they give necessarily be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by a A on schematics and in parts lists. Use of a substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire, and/or other hazards. The product's safety is under review continuously and new instructions are issued whenever appropriate. Prior to shipment from the factory, our products are strictly inspected to confirm they comply with the recognized product safety and electrical codes of the countries in which they are to be sold. However, in order to maintain such compliance, it is equally important to implement the following precautions when a set is being serviced.

2-2 LTVN ISP

## **Precautions during Servicing**

- A. Parts identified by the symbol are critical for safety.
  - Replace only with part number specified.
- B. In addition to safety, other parts and assemblies are specified for conformance with regulations applying to spurious radiation. These must also be replaced only with specified replacements. Examples: RF converters, RF cables, noise blocking capacitors, and noise blocking filters, etc.
- **C.** Use specified internal wiring. Note especially:
  - 1) Wires covered with PVC tubing
  - 2) Double insulated wires
  - 3) High voltage leads
- **D.** Use specified insulating materials for hazardous live parts. Note especially:
  - 1) Insulation Tape
  - 2) PVC tubing
  - 3) Spacers
  - 4) Insulators for transistors.
- **E.** When replacing AC primary side components (transformers, power cord, etc.), wrap ends of wires securely about the terminals before soldering.
- **F.** Observe that the wires do not contact heat producing parts (heat sinks, oxide metal film resistors, fusible resistors, etc.)
- **G.** Check that replaced wires do not contact sharp edged or pointed parts.
- **H.** When a power cord has been replaced, check that 5~6 kg of force in any direction will not loosen it.
- I. Also check areas surrounding repaired locations.
- J. Use care that foreign objects (screws, solder droplets, etc.) do not remain inside the set.
- K. Crimp type wire connector The power transformer uses crimp type connectors which connect the power cord and the primary side of the transformer. When replacing the transformer, follow these steps carefully and precisely to prevent shock hazards. Replacement procedure
  - Remove the old connector by cutting the wires at a point close to the connector.
     Important: Do not re-use a connector (discard it).
  - Strip about 15 mm of the insulation from the ends of the wires. If the wires are stranded, twist the strands to avoid frayed conductors.
  - 3) Align the lengths of the wires to be connected. Insert the wires fully into the connector.
  - 4) Use the crimping tool to crimp the metal sleeve at the center position. Be sure to crimp fully to the complete closure of the tool.

- When connecting or disconnecting the internal connectors, first, disconnect the AC plug from the AC supply outlet.
- **M.** When installing parts or assembling the cabinet parts, be sure to use the proper screws and tighten certainly.

2-3 LTVN ISP

# Safety Check after Servicing

Examine the area surrounding the repaired location for damage or deterioration. Observe that screws, parts and wires have been returned to original positions. Afterwards, perform the following tests and confirm the specified values in order to verify compliance with safety standards.

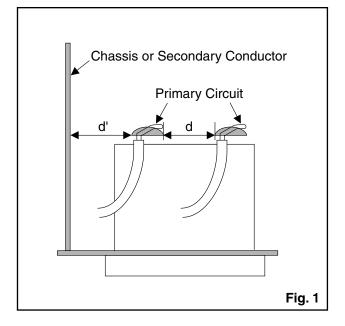
#### 1. Clearance Distance

When replacing primary circuit components, confirm specified clearance distance (d) and (d') between soldered terminals, and between terminals and surrounding metallic parts. (See Fig. 1)

Table 1: Ratings for selected area

AC Line Voltage	Region	Clearance Distance (d), (d')
110 to 130 V	U.S.A. or Canada	≥ 3.2 mm (0.126 inches)

**Note:** This table is unofficial and for reference only. Be sure to confirm the precise values.



#### 2. Leakage Current Test

Confirm the specified (or lower) leakage current between B (earth ground, power cord plug prongs) and externally exposed accessible parts (RF terminals, antenna terminals, video and audio input and output terminals, microphone jacks, earphone jacks, etc.) is lower than or equal to the specified value in the table below.

#### **Measuring Method: (Power ON)**

Insert load Z between B (earth ground, power cord plug prongs) and exposed accessible parts. Use an AC voltmeter to measure across both terminals of load Z. See Fig. 2 and following table.

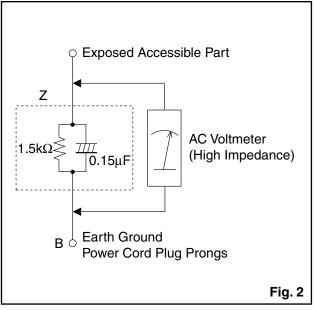


Table 2: Leakage current ratings for selected areas

AC Line Voltage	Region	Load Z	Leakage Current (i)	Earth Ground (B) to:
110 to 130 V	U.S.A. or Canada	0.15 $\mu F$ CAP. & 1.5 $k\Omega$ RES. Connected in parallel	i ≤ 0.5 mA rms	Exposed accessible parts

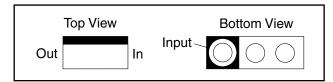
Note: This table is unofficial and for reference only. Be sure to confirm the precise values.

2-4 LTVN ISP

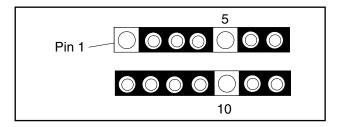
# STANDARD NOTES FOR SERVICING

#### **Circuit Board Indications**

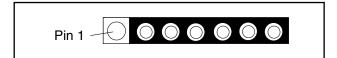
1. The output pin of the 3 pin Regulator ICs is indicated as shown.



2. For other ICs, pin 1 and every fifth pin are indicated as shown.



The 1st pin of every male connector is indicated as shown.



# Pb (Lead) Free Solder

Pb free mark will be found on PCBs which use Pb free solder. (Refer to figure.) For PCBs with Pb free mark, be sure to use Pb free solder. For PCBs without Pb free mark, use standard solder.

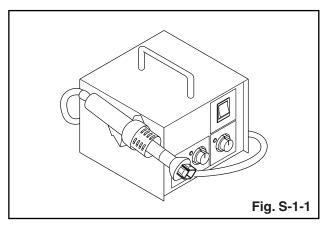


#### How to Remove / Install Flat Pack-IC

#### 1. Removal

#### With Hot-Air Flat Pack-IC Desoldering Machine:

 Prepare the hot-air flat pack-IC desoldering machine, then apply hot air to the Flat Pack-IC (about 5 to 6 seconds). (Fig. S-1-1)



- 2. Remove the flat pack-IC with tweezers while applying the hot air.
- Bottom of the flat pack-IC is fixed with glue to the CBA; when removing entire flat pack-IC, first apply soldering iron to center of the flat pack-IC and heat up. Then remove (glue will be melted). (Fig. S-1-6)
- 4. Release the flat pack-IC from the CBA using tweezers. (Fig. S-1-6)

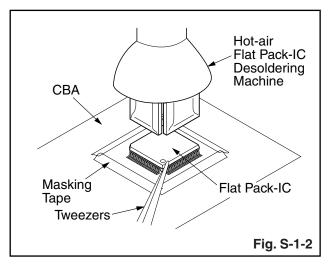
#### **CAUTION:**

3-1

- The Flat Pack-IC shape may differ by models. Use an appropriate hot-air flat pack-IC desoldering machine, whose shape matches that of the Flat Pack-IC.
- 2. Do not supply hot air to the chip parts around the flat pack-IC for over 6 seconds because damage to the chip parts may occur. Put masking tape around the flat pack-IC to protect other parts from damage. (Fig. S-1-2)

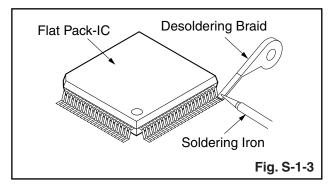
TVN SN

 The flat pack-IC on the CBA is affixed with glue, so be careful not to break or damage the foil of each pin or the solder lands under the IC when removing it.

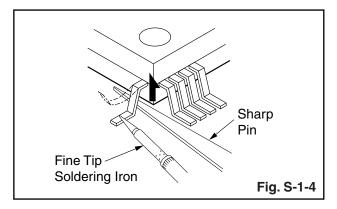


#### With Soldering Iron:

1. Using desoldering braid, remove the solder from all pins of the flat pack-IC. When you use solder flux which is applied to all pins of the flat pack-IC, you can remove it easily. (Fig. S-1-3)



 Lift each lead of the flat pack-IC upward one by one, using a sharp pin or wire to which solder will not adhere (iron wire). When heating the pins, use a fine tip soldering iron or a hot air desoldering machine. (Fig. S-1-4)



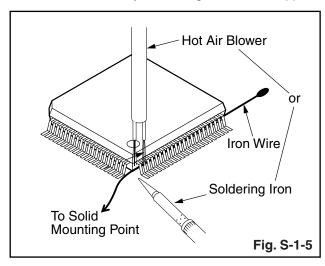
- Bottom of the flat pack-IC is fixed with glue to the CBA; when removing entire flat pack-IC, first apply soldering iron to center of the flat pack-IC and heat up. Then remove (glue will be melted). (Fig. S-1-6)
- 4. Release the flat pack-IC from the CBA using tweezers. (Fig. S-1-6)

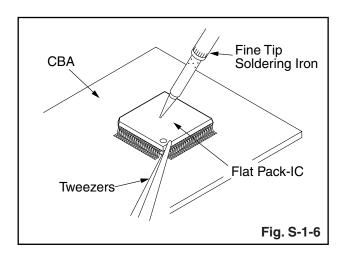
3-2 TVN\_SN

#### With Iron Wire:

- Using desoldering braid, remove the solder from all pins of the flat pack-IC. When you use solder flux which is applied to all pins of the flat pack-IC, you can remove it easily. (Fig. S-1-3)
- 2. Affix the wire to a workbench or solid mounting point, as shown in Fig. S-1-5.
- 3. While heating the pins using a fine tip soldering iron or hot air blower, pull up the wire as the solder melts so as to lift the IC leads from the CBA contact pads as shown in Fig. S-1-5.
- Bottom of the flat pack-IC is fixed with glue to the CBA; when removing entire flat pack-IC, first apply soldering iron to center of the flat pack-IC and heat up. Then remove (glue will be melted). (Fig. S-1-6)
- Release the flat pack-IC from the CBA using tweezers. (Fig. S-1-6)

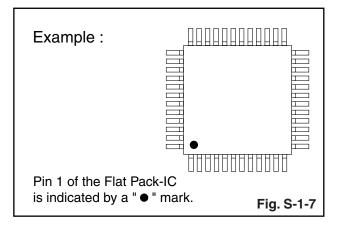
Note: When using a soldering iron, care must be taken to ensure that the flat pack-IC is not being held by glue. When the flat pack-IC is removed from the CBA, handle it gently because it may be damaged if force is applied.

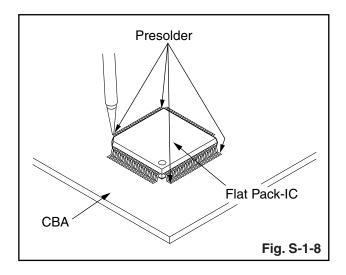




#### 2. Installation

- Using desoldering braid, remove the solder from the foil of each pin of the flat pack-IC on the CBA so you can install a replacement flat pack-IC more easily.
- The "●" mark on the flat pack-IC indicates pin 1. (See Fig. S-1-7.) Be sure this mark matches the 1 on the PCB when positioning for installation. Then presolder the four corners of the flat pack-IC. (See Fig. S-1-8.)
- 3. Solder all pins of the flat pack-IC. Be sure that none of the pins have solder bridges.





3-3 TVN SN

# Instructions for Handling Semiconductors

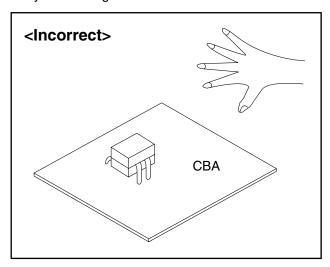
Electrostatic breakdown of the semi-conductors may occur due to a potential difference caused by electrostatic charge during unpacking or repair work.

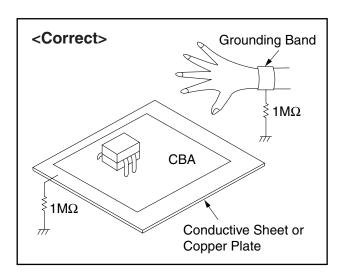
# 1. Ground for Human Body

Be sure to wear a grounding band (1  $M\Omega$ ) that is properly grounded to remove any static electricity that may be charged on the body.

#### 2. Ground for Workbench

Be sure to place a conductive sheet or copper plate with proper grounding (1  $M\Omega)$  on the workbench or other surface, where the semi-conductors are to be placed. Because the static electricity charge on clothing will not escape through the body grounding band, be careful to avoid contacting semi-conductors with your clothing.



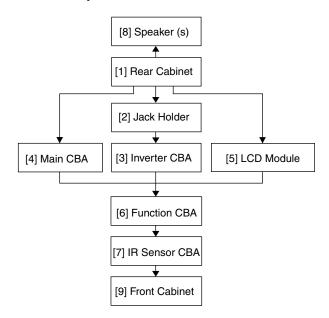


3-4 TVN\_SN

# CABINET DISASSEMBLY INSTRUCTIONS

# 1. Disassembly Flowchart

This flowchart indicates the disassembly steps for the cabinet parts, and the CBA in order to gain access to item(s) to be serviced. When reassembling, follow the steps in reverse order. Bend, route and dress the cables as they were.



# 2. Disassembly Method

		Removal		
Step/ Loc. No.	Part	Fig. No.	Remove/*Unhook/ Unlock/Release/ Unplug/Unclamp/ Desolder	Note
[1]	Rear Cabinet	D1	12(S-1), (S-2), 4(S-3)	
[2]	Jack Holder	D2	3(S-4), (S-5)	
[3]	Inverter CBA	D2 D3	4(S-6), *CN301, *CN302, *CN303, *CN304, *CN310	
[4]	Main CBA	D2 D3	6(S-7), *CN1201, *CN1202, *CN1205, *CN1206, *CN1207, *CN801	
[5]	LCD Module	D2	13(S-8)	
[6]	Function CBA	D2	3(S-9)	
[7]	IR Sensor CBA	D2	2(S-10)	
[8]	Speaker (s)	D2	4(S-11), Speaker Holder(s)	

			Removal		
	Step/ Loc. No.	Part	Fig. Remove/*Unhook/ Unlock/Release/ No. Unplug/Unclamp/ Desolder		Note
	[9]	Front Cabinet	D2		
•	↓ (1)	(2)	(3)	↓ (4)	↓ (5)

#### Note:

- (1) Order of steps in procedure. When reassembling, follow the steps in reverse order. These numbers are also used as the Identification (location) No. of parts in figures.
- (2) Parts to be removed or installed.
- (3) Fig. No. showing procedure of part location
- (4) Identification of parts to be removed, unhooked, unlocked, released, unplugged, unclamped, or desoldered.

P = Spring, L = Locking Tab, S = Screw,

CN = Connector

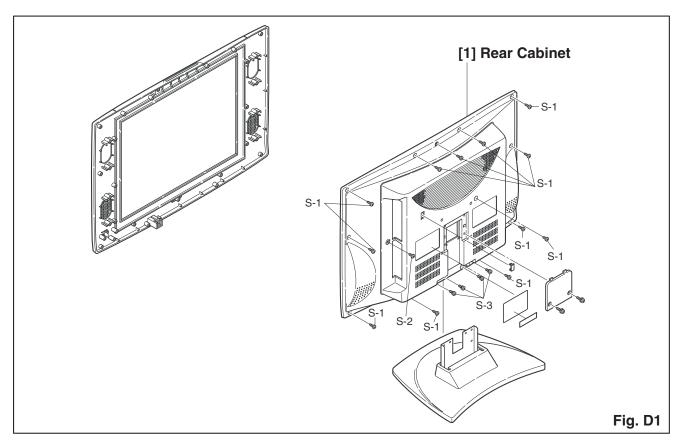
\* = Unhook, Unlock, Release, Unplug, or Desolder e.g. 2(S-2) = two Screws (S-2),

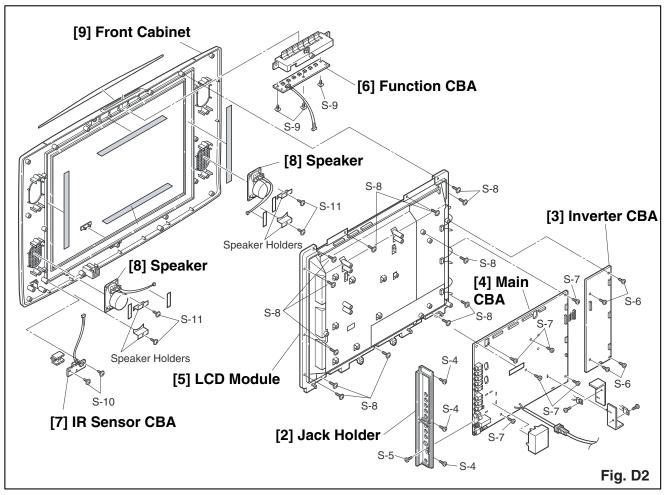
2(L-2) = two Locking Tabs (L-2)

(5) Refer to the following "Reference Notes in the Table."

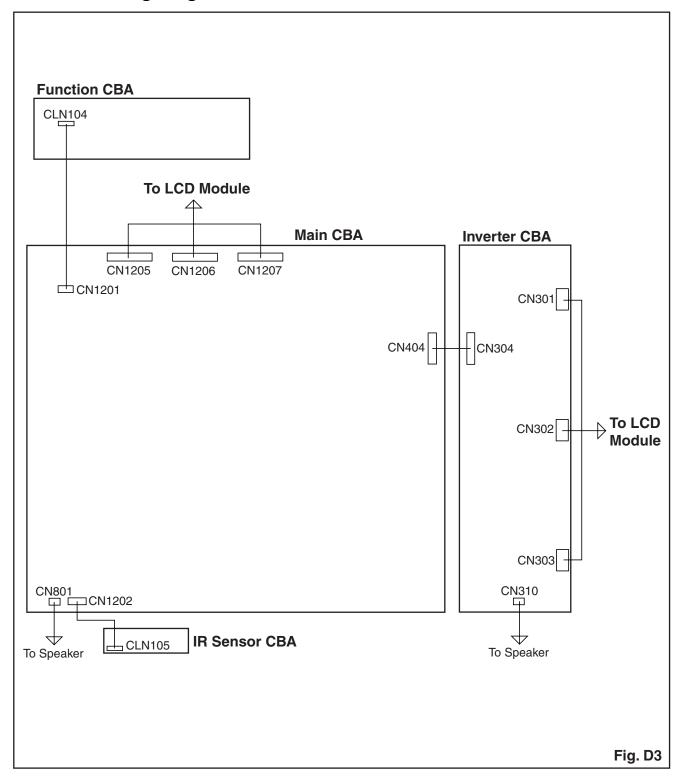
L2601DC

4-1





# **TV Cable Wiring Diagram**



4-3 L2601DC

# **ELECTRICAL ADJUSTMENT INSTRUCTIONS**

# General Note: "CBA" is abbreviation for "Circuit Board Assembly."

Note: Electrical adjustments are required after replacing circuit components and certain mechanical parts. It is important to perform these adjustments only after all repairs and replacements have been completed.

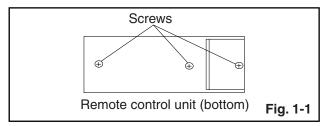
Also, do not attempt these adjustments unless the proper equipment is available.

# **Test Equipment Required**

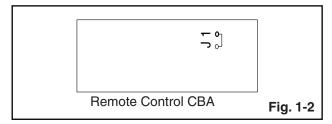
- 1. DC Voltmeter
- 2. NTSC Pattern Generator (Color Bar W/White Window, Red Color, Dot Pattern, Gray Scale, Monoscope, Multi-Burst)
- 3. Remote control unit: Part No. N0105UD or N0127UD
- 4. Color Analyzer

# How to make Service remote control unit:

 Prepare normal remote control unit. (Part No. N0105UD or N0127UD)
 Remove 3 Screws from the back lid. (Fig. 1-1)



2. Added J1 (Jumper Wire) to the remote control CBA. (Fig. 1-2)



## How to set up the service mode:

#### Service mode:

- 1. Use the service remote control unit.
- 2. Turn the power on. (Use main power on the TV unit.)
- Press [SLEEP] button on the service remote control unit. Version of micro computer will be displayed on the LCD or display. (Ex: 0008GP-0.08)

## 1. Initial Setting

**General:** Enter the Service mode. (See page 5-1.) Set the each initial data as shown on table 1 below.

**Table 1: Initial Data** 

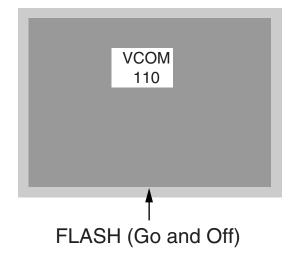
Item	Button (on the service remote control)	Data Value
BRT		128
CNT		124
CLR-R		64
CLR-B	[MENU] → [1]	64
TNT		128
V-TNT		128
SHR		112
S-BRT		128
S-CNT		128
S-CLR-R	] - [MENU] → [2]	64
S-CLR-B	[IMEINO] → [2]	64
S-TNT		128
S-SHR		112
C-BRT		128
C-CNT		128
C-CLR-R	[MENU] → [3]	64
C-CLR-B		64
C-TNT		128
C-SHR		112

L2601EA

5-1

Item	Button (on the service remote control)	Data Value
D2-BRT		133
D2-CNT		140
D2-CLR-R	] - [MENU] → [5]	74
D2-CLR-B		74
D2-TNT		128
D2-SHR		112
D3-BRT		126
D3-CNT		138
D3-CLR-R	] - [MENU] → [6]	64
D3-CLR-B		64
D3-TNT		128
D3-SHR		112
DR(C/D1)	[VOI <b>=</b> 1 \ [4]	176
C-DR(C/D2)	$[VOLlue{lack}] o[4]$	157
DB(C/D1)	[VOL ▼] → [6]	175
C-DB(C/D2)		152

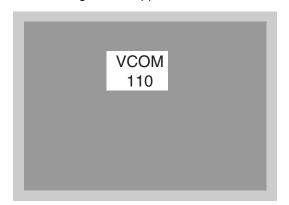
3. If Flicker Adjustment is not fit, the screen become the following.



4. Press [CH ▲ / ▼] buttons on the remote control unit so that flash stops.

# 2. Flicker Adjustment

- 1. Enter the Service mode. (See page 5-1.)
- 2. Press [2] button on the remote control unit. The following screen appears.



5-2 L2601EA

The following adjustment normally are not attempted in the field. Only when replacing the LCD Panel then adjust as a preparation.

## 3. White Balance Adjustment

Purpose: To mix red, green and blue beams correctly for pure white.

Symptom of Misadjustment: White becomes bluish or reddish.

Test Point	Adj. Point	Mode	Input	
Screen	VOL. ▼ buttons	[RF/VIDEO1] C/D1 [VIDEO2] C/D2	White Purity (APL 80%) or (APL 20%)	
M.	EQ.	Spec		
	Generator, analyzer	x: 0.271 to y: 0.277 to		
		Figure		
It carries out in a darkroom.  Perpendicularity  L = 3 cm				
INPÚT:	INPUT: WHITE 80% Color Analyzer			

Note: Use service remote control unit

- 1. Operate the unit for more than 20 minutes.
- 2. Input the White Purity (APL 80% or APL 20%).
- 3. Set the color analyzer to the CHROMA mode and bring the optical receptor to the center on the LCD-Panel surface after zero point calibration as shown above.

**Note:** The optical receptor must be set perpendicularly to the LCD Panel surface.

#### 4. [RF/VIDEO1]

Enter the Service mode. Press "VOL ▼" button on the remote control unit and select "C/D-1" mode.

#### [VIDEO2]

Enter the Service mode. Press "VOL ▼" button on the remote control unit and select "C/D-2" mode.

#### 5. [RF/VIDEO1]

When "x" value and "y" value are not within specification, adjust "DB (C/D1)" or "DR (C/D1)". Refer to "1. Initial Setting."

Note: "DB(C/D1)" or "DR(C/D1)" must be adjusted within ±0.01.

#### [VIDEO2]

When "x" value and "y" value are not within specification, adjust "DB(C/D2)" or "DR(C/D2)". Refer to "1. Initial Setting."

Note: "DB(C/D2)" or "DR(C/D2)" must be adjusted within ±0.01.

6. Turn the power off and on again. (Main power button on the TV unit.)

5-3 L2601EA

# **HOW TO INITIALIZE THE LCD TELEVISION**

# How to initialize the LCD television:

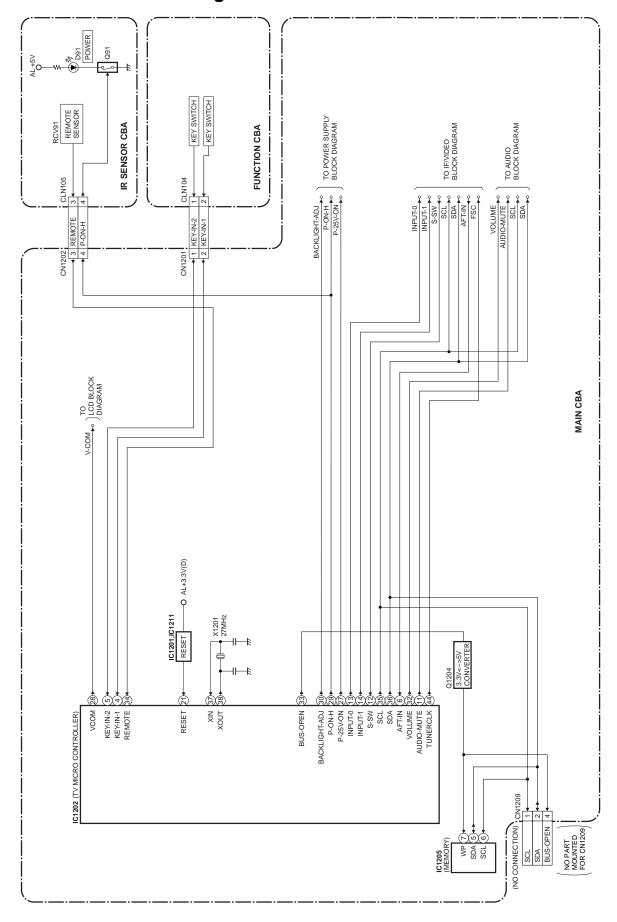
- 1. Turn the power on. (Use main power on the TV unit.)
- 2. To enter the service mode, press [SLEEP] button on the service remote control unit.
  - To cancel the service mode, press [POWER] button on the remote control.
- 3. To initialize the LCD television, press [DISPLAY] button on the remote control unit.
- 4. Confirm "FF" indication on the upper right of the screen.

L3103INT

6-1

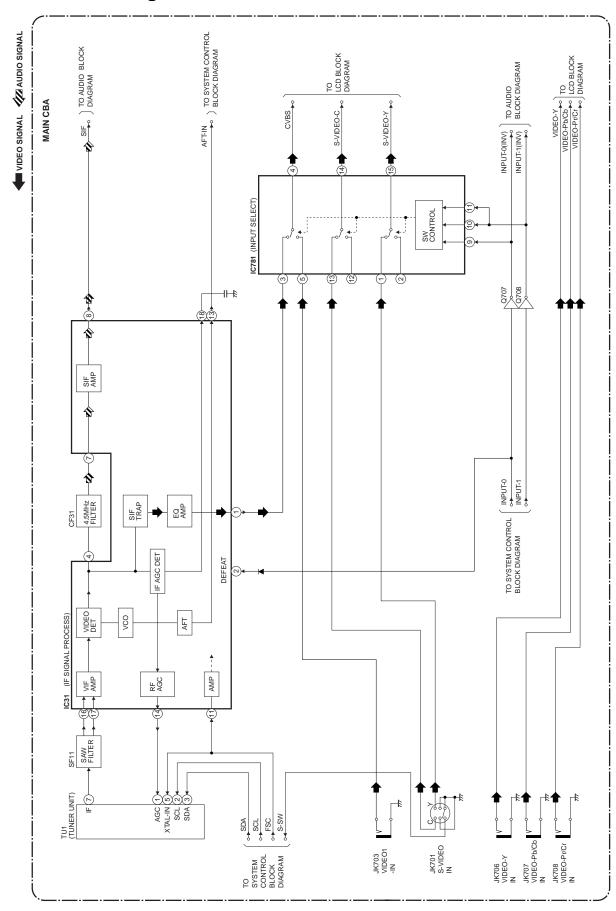
# **BLOCK DIAGRAMS**

# System Control Block Diagram



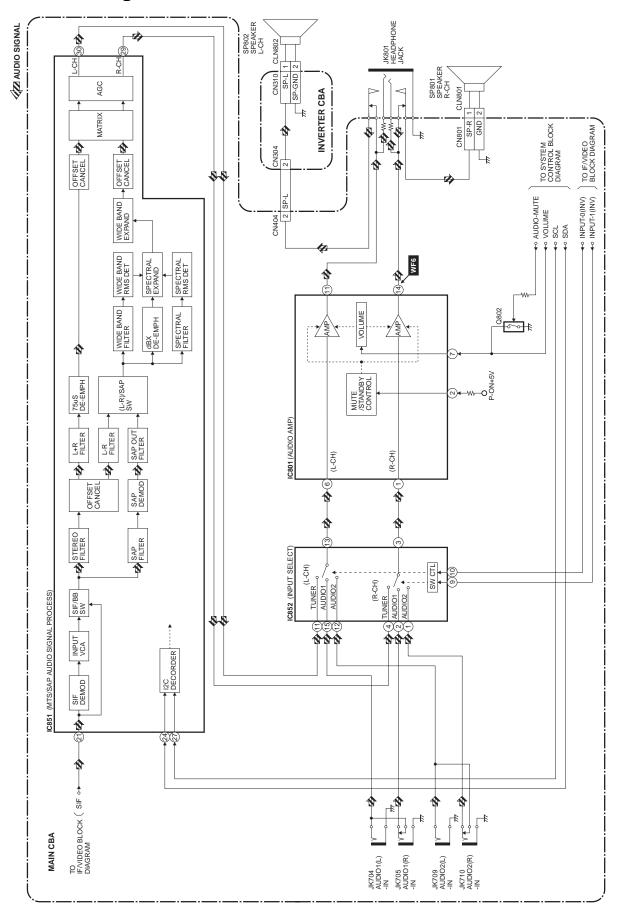
7-1

# IF/Video Block Diagram



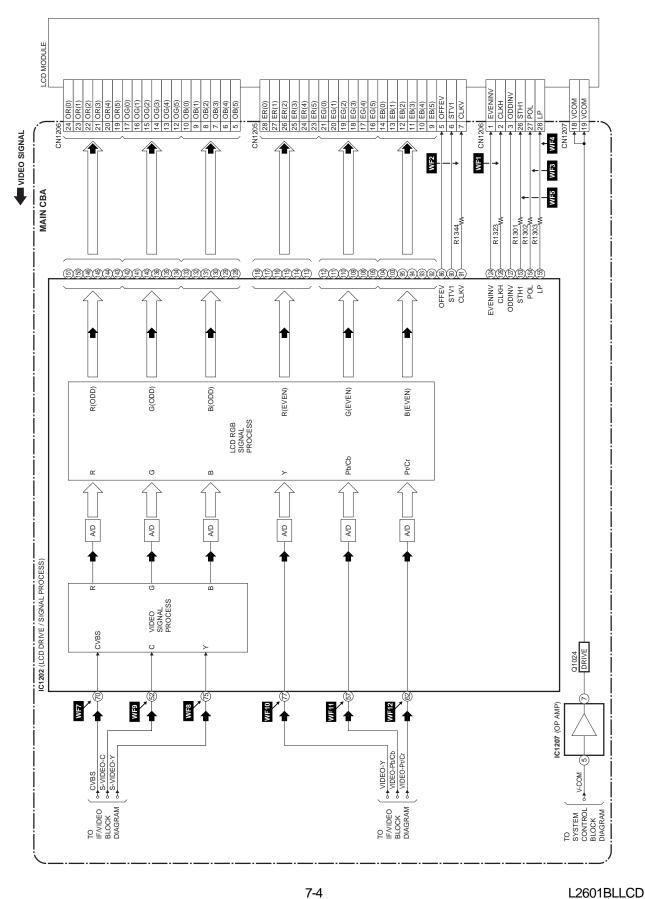
7-2 L2601BLIF

# Audio Block Diagram



7-3 L2601BLA

# **LCD Block Diagram**



7-4

# **Power Supply Block Diagram**



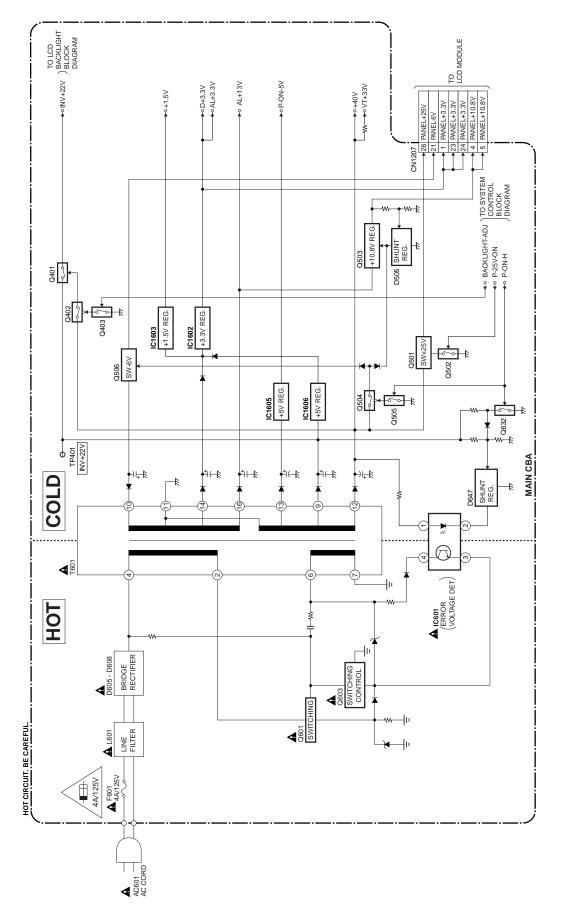
NOTE:
The voltage for parts in hot circuit is measured using hot GND as a common terminal.

CAUTION I

Fixed voltage (or Auto voltage selectable) power supply circuit is used in this unit.

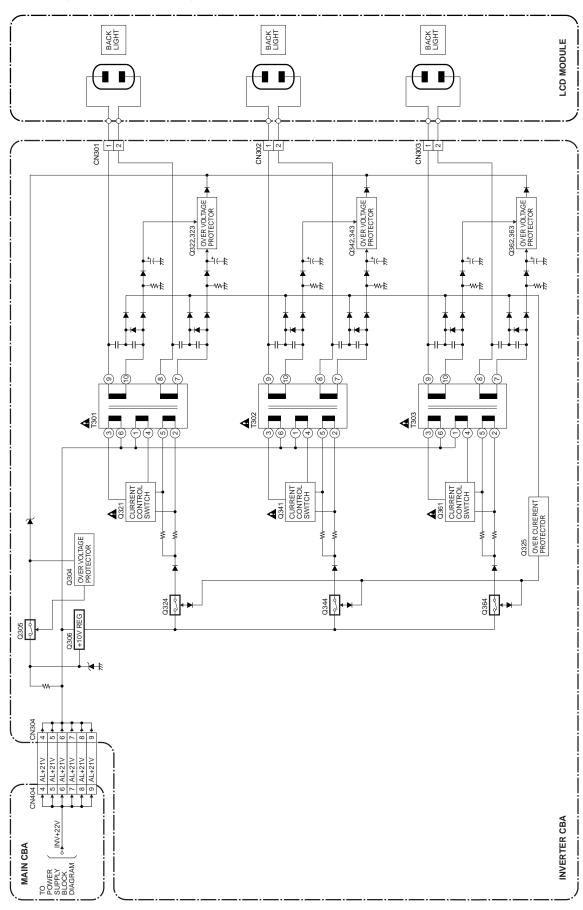
If Main Fuse (F601) is blown , check to see that all components in the power supply circuit are not defective before you connect the AC plug to the AC power supply.

Otherwise it may cause some components in the power supply circuit to fail.



7-5 L2601BLP

# **LCD Backlight Block Diagram**



7-6 L2601BLLB

# SCHEMATIC DIAGRAMS / CBA'S AND TEST POINTS

#### **Standard Notes**

Many electrical and mechanical parts in this chassis have special characteristics. These characteristics often pass unnoticed and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts that have these special safety characteristics are identified in this manual and its supplements; electrical components having such features are identified by the mark "\(\Lambda\)" in the schematic diagram and the parts list. Before replacing any of these components, read the parts list in this manual carefully. The use of substitute replacement parts that do not have the same safety characteristics as specified in the parts list may create shock, fire, or other hazards.

#### Notes:

- 1. Do not use the part number shown on these drawings for ordering. The correct part number is shown in the parts list, and may be slightly different or amended since these drawings were prepared.
- 2. All resistance values are indicated in ohms  $(K = 10^3, M = 10^6)$ .
- 3. Resistor wattages are 1/4W or 1/6W unless otherwise specified.
- 4. All capacitance values are indicated in  $\mu F$  (P =  $10^{-6} \mu F$ ).
- 5. All voltages are DC voltages unless otherwise specified.

#### **Note of Capacitors:**

ML --- Mylar Cap. PP --- Metallized Film Cap. SC --- Semiconductor Cap. L --- Low Leakage type

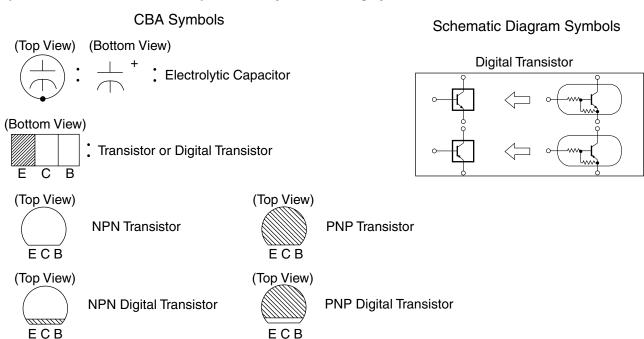
#### Temperature Characteristics of Capacitors are noted with the following:

#### **Tolerance of Capacitors are noted with the following:**

#### **Note of Resistors:**

CEM --- Cement Res. MTL --- Metal Res. F --- Fuse Res.

#### Capacitors and transistors are represented by the following symbols.



8-1 LC4N\_SC

# LIST OF CAUTION, NOTES, AND SYMBOLS USED IN THE SCHEMATIC DIAGRAMS ON THE FOLLOWING PAGES:

#### 1. CAUTION:

**CAUTION:** FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE\_A,\_V FUSE.

ATTENTION: UTILISER UN FUSIBLE DE RECHANGE DE MÊME TYPE DE\_A,\_V.

#### 2. CAUTION:

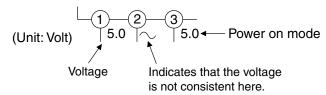
Fixed Voltage (or Auto voltage selectable) power supply circuit is used in this unit. If Main Fuse (F601) is blown, first check to see that all components in the power supply circuit are not defective before you connect the AC plug to the AC power supply. Otherwise it may cause some components in the power supply circuit to fail.

#### 3. Note:

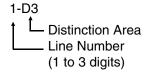
- 1. Do not use the part number shown on the drawings for ordering. The correct part number is shown in the parts list, and may be slightly different or amended since the drawings were prepared.
- 2. To maintain original function and reliability of repaired units, use only original replacement parts which are listed with their part numbers in the parts list section of the service manual.

# 4. Voltage indications on the schematics are as shown below:

Plug the TV power cord into a standard AC outlet .:

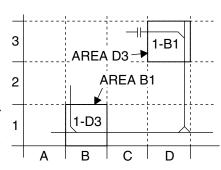


## 5. How to read converged lines



#### Examples:

- 1. "1-D3" means that line number "1" goes to the line number "1" of the area "D3".
- 2. "1-B1" means that line number "1" goes to the line number "1" of the area "B1".



#### 6. Test Point Information

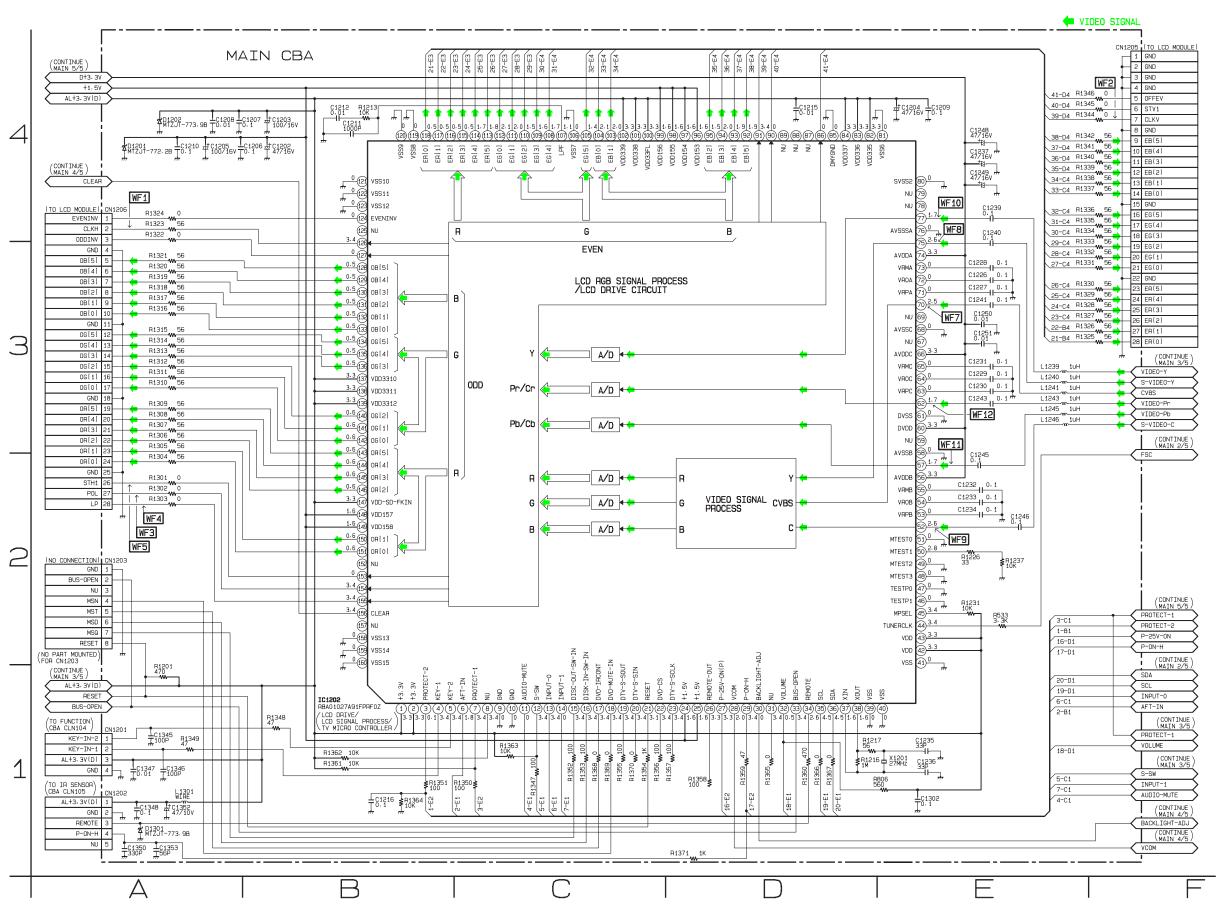
: Indicates a test point with a jumper wire across a hole in the PCB.

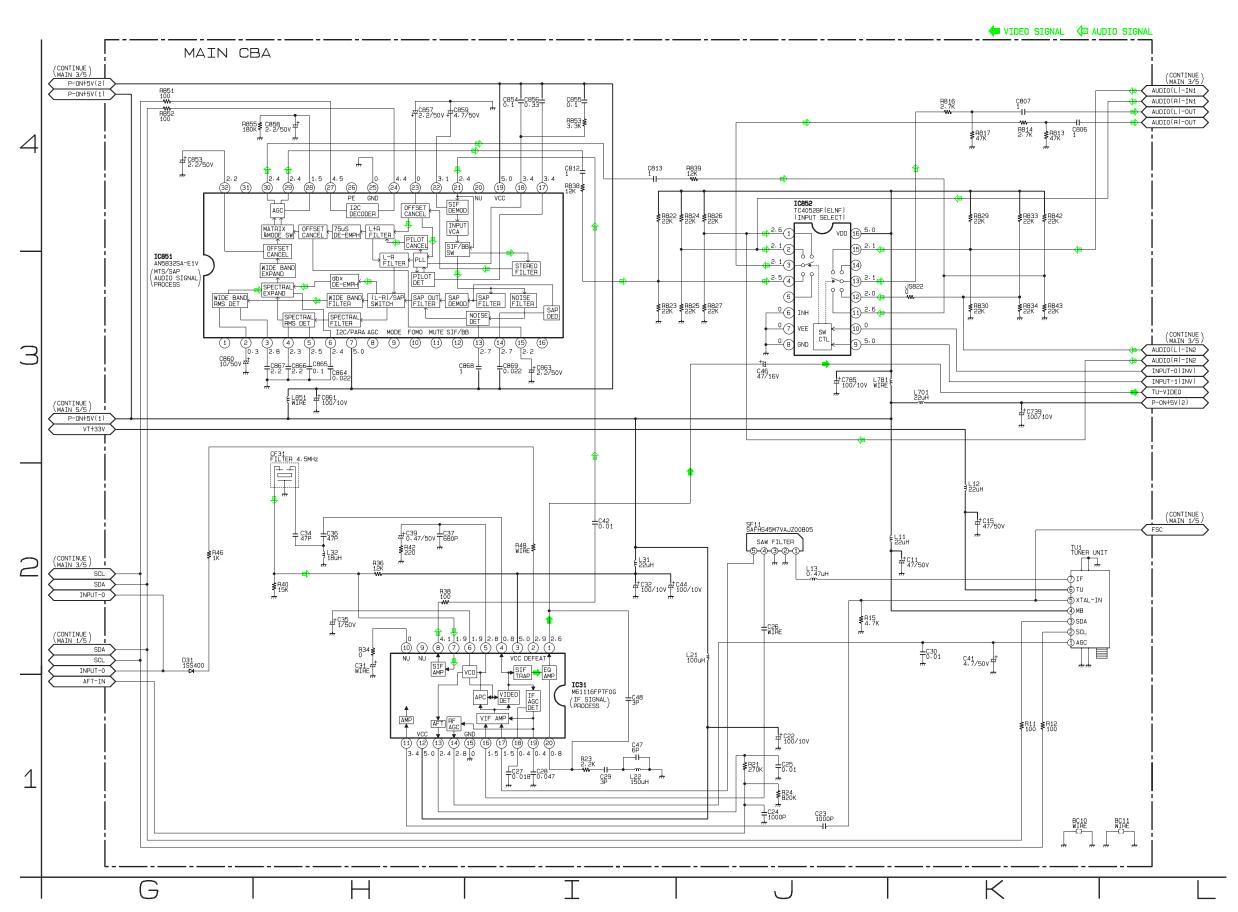
8-2

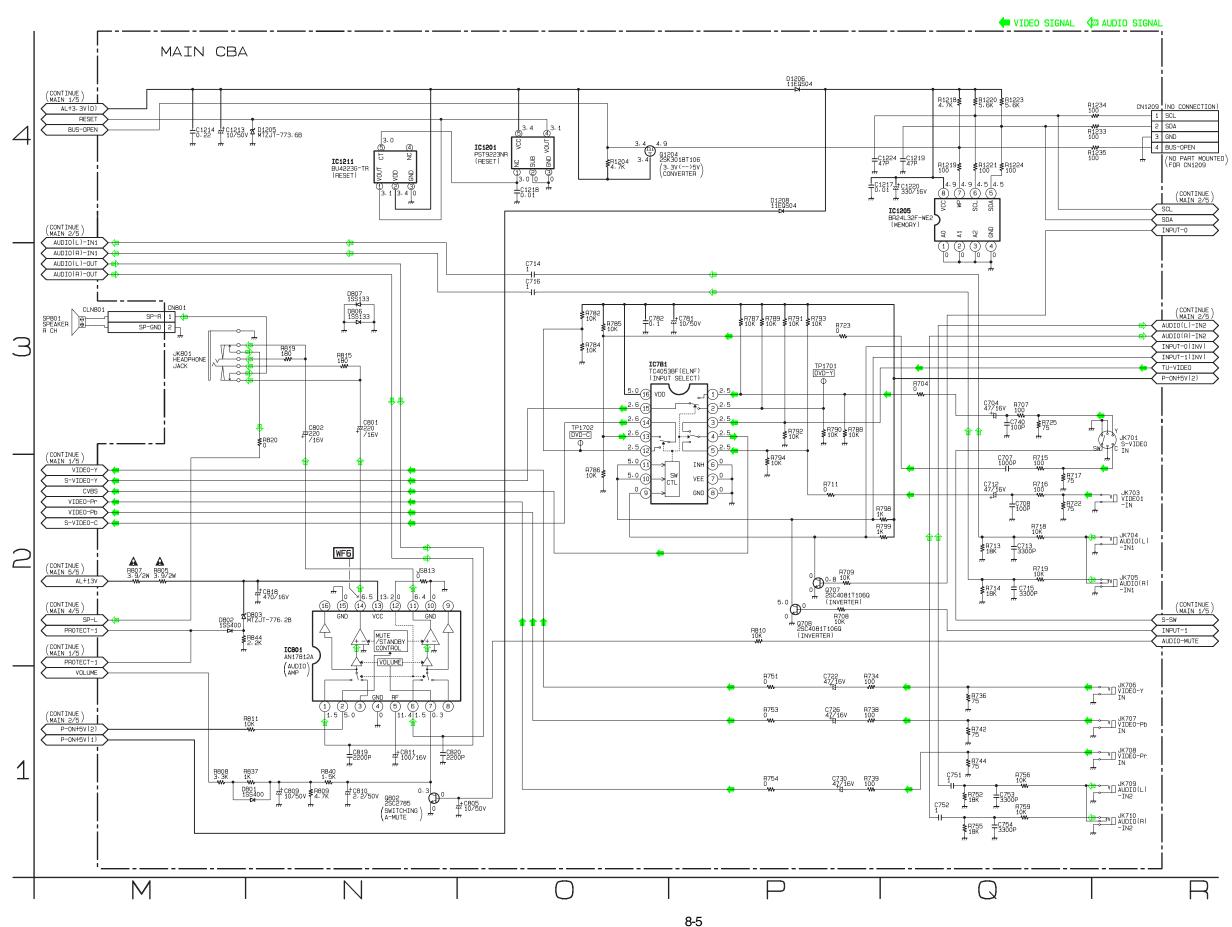
: Used to indicate a test point with no test pin.

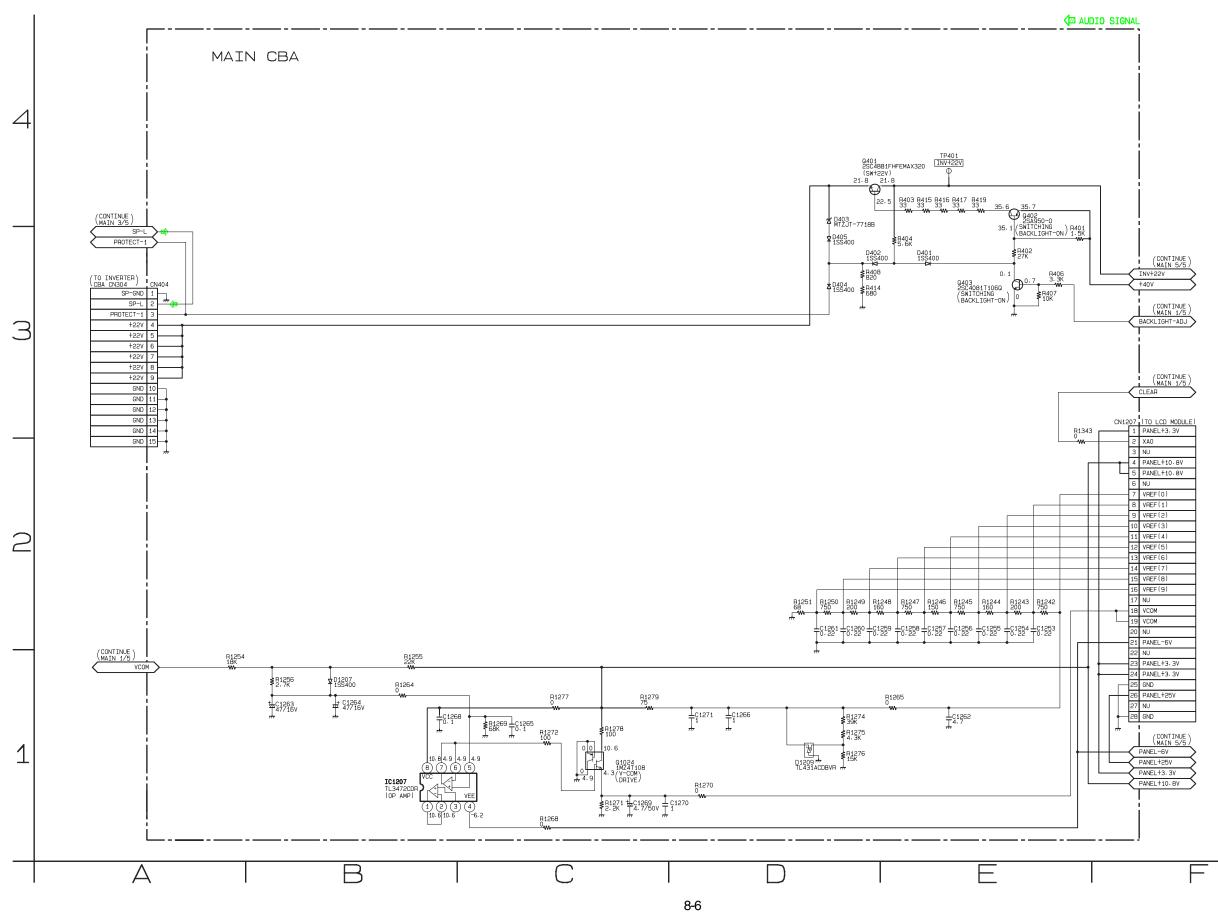
: Used to indicate a test point with a test pin.

LC4N\_SC









# Main 5/5 Schematic Diagram

#### **CAUTION!**

Fixed voltage (or Auto voltage selectable) power supply circuit is used in this unit. If Main Fuse (F601) is blown, check to see that all components in the power supply circuit are not defective before you connect the AC plug to the AC power supply. Otherwise it may cause some components in the power supply circuit to fail.

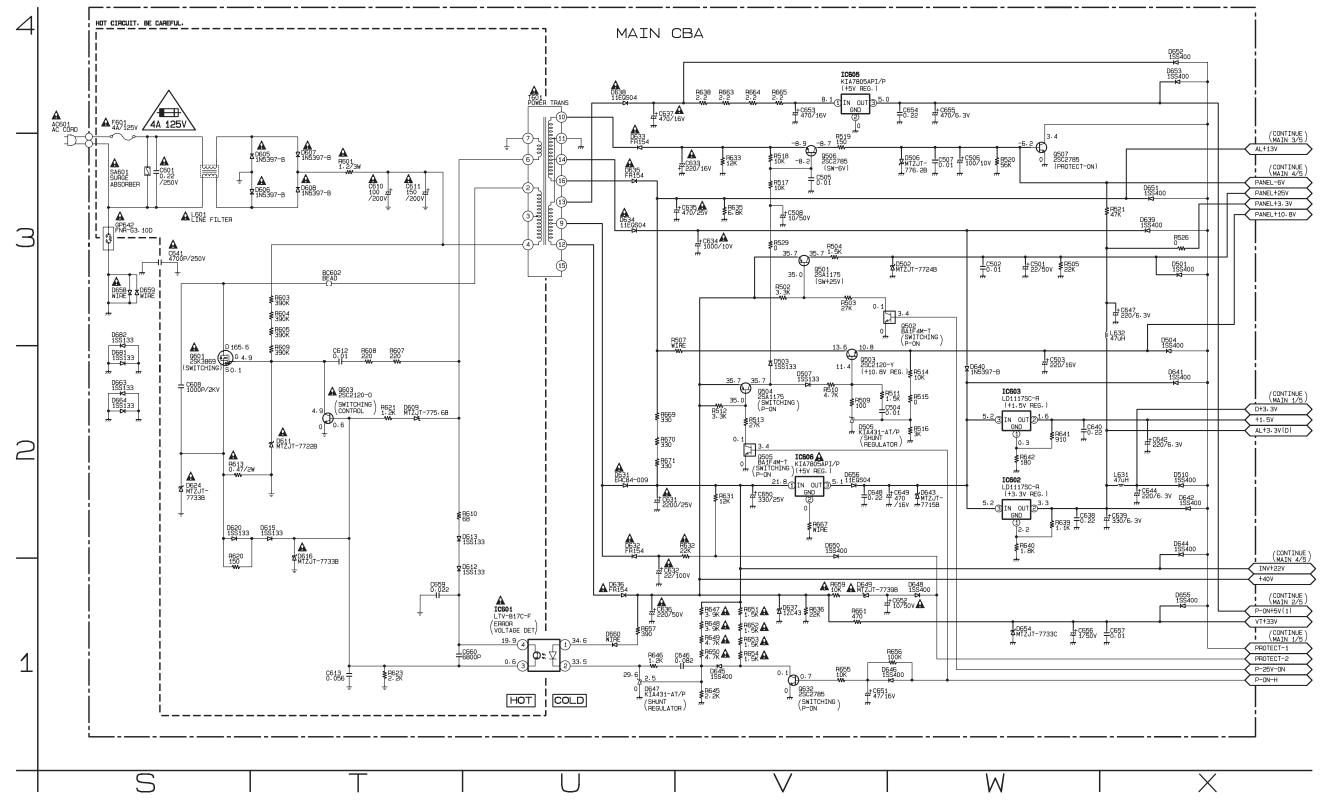


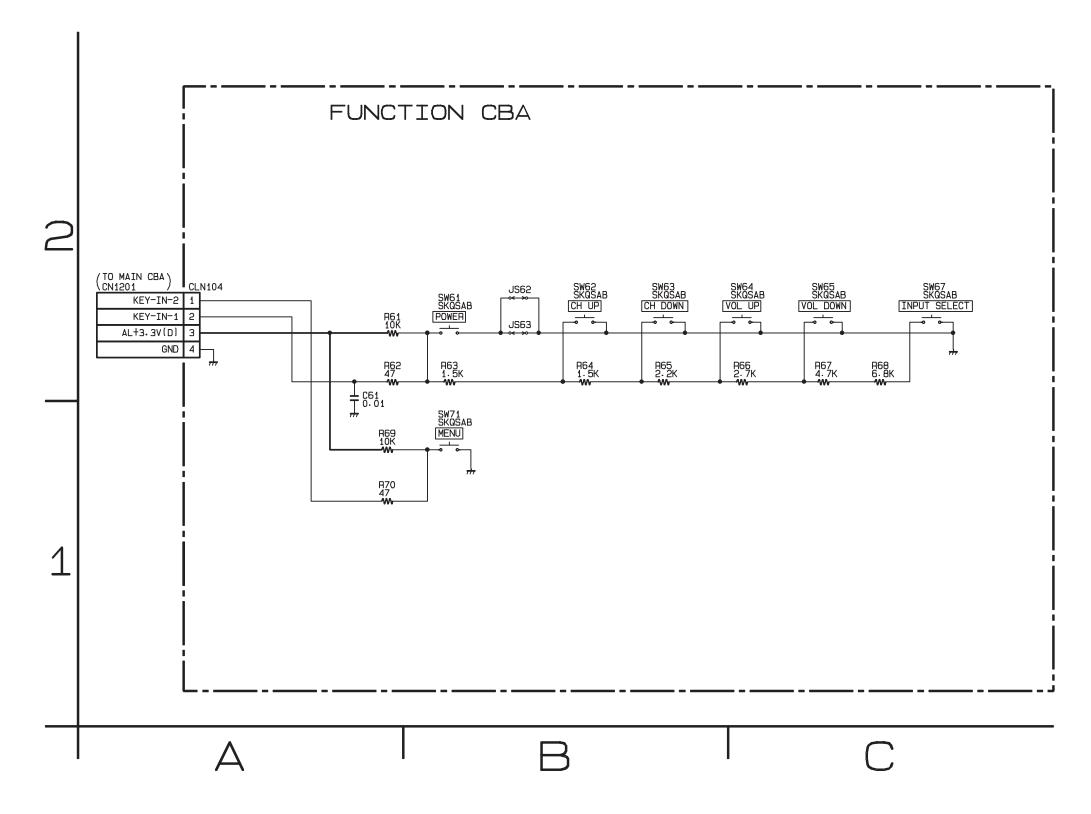
**CAUTION!:** For continued protection against risk of fire, replace only with same type 4 A, 125V fuse.

ATTENTION : Utiliser un fusible de rechange de même type de 4A, 125V.

#### NOTE:

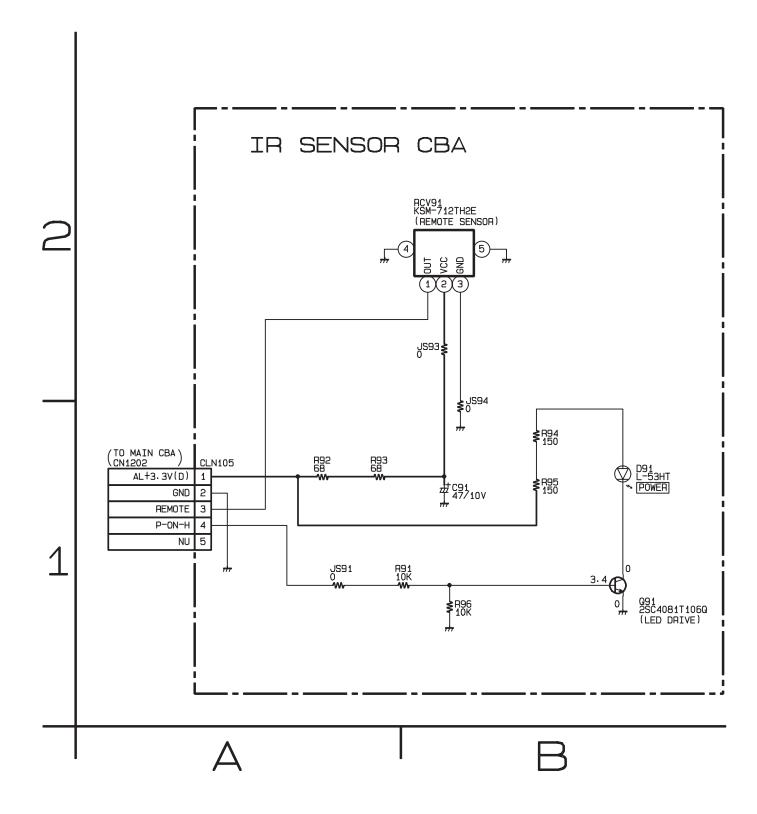
The voltage for parts in hot circuit is measured using hot GND as a common terminal.



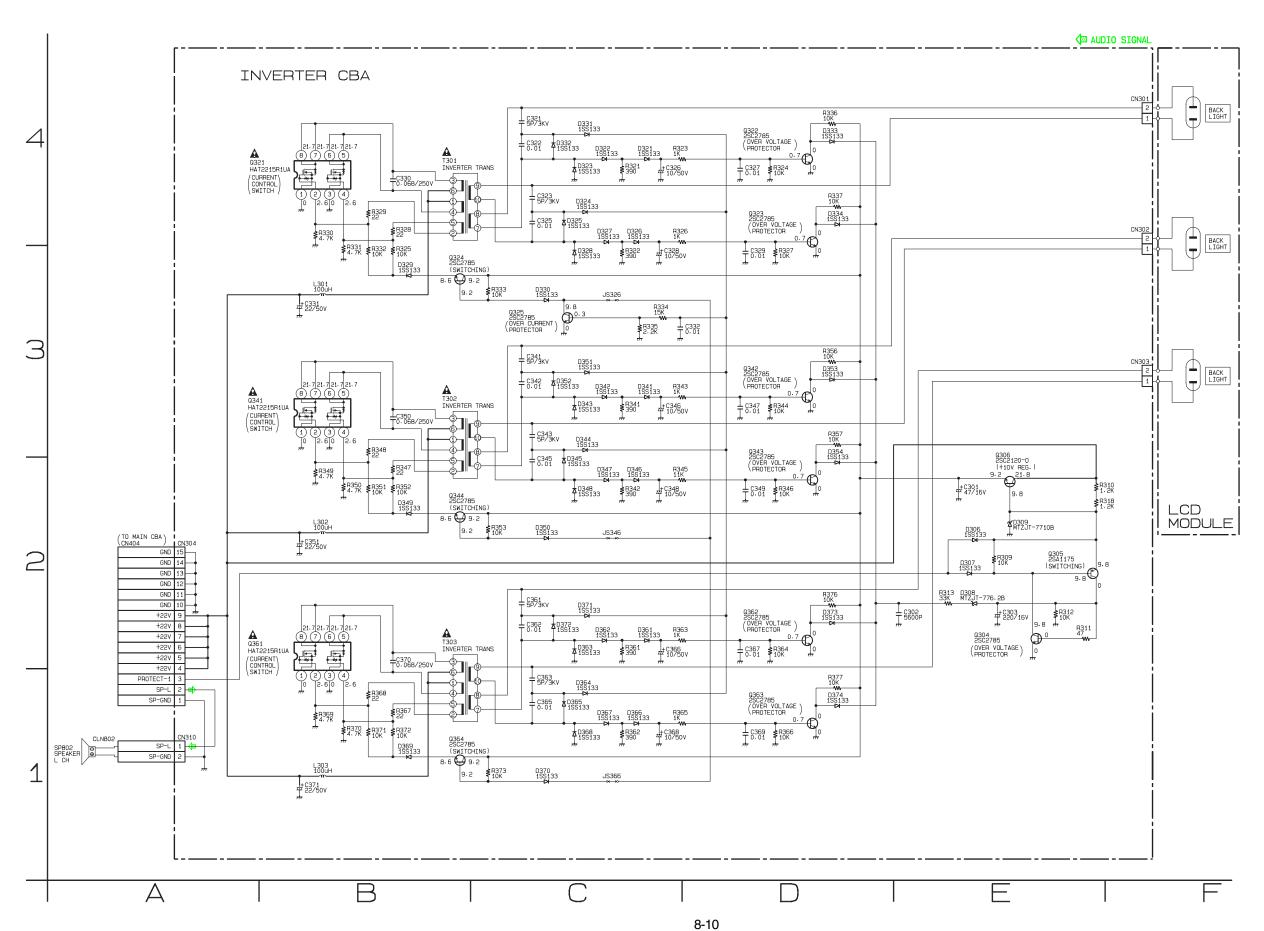


8-8

L2601SCF



8-9 L2601SCIR



# **Main CBA Top View**

#### **CAUTION!**

Fixed voltage (or Auto voltage selectable) power supply circuit is used in this unit. If Main Fuse (F601) is blown, check to see that all components in the power supply circuit are not defective before you connect the AC plug to the AC power supply. Otherwise it may cause some components in the power supply circuit to fail.

4A/125V

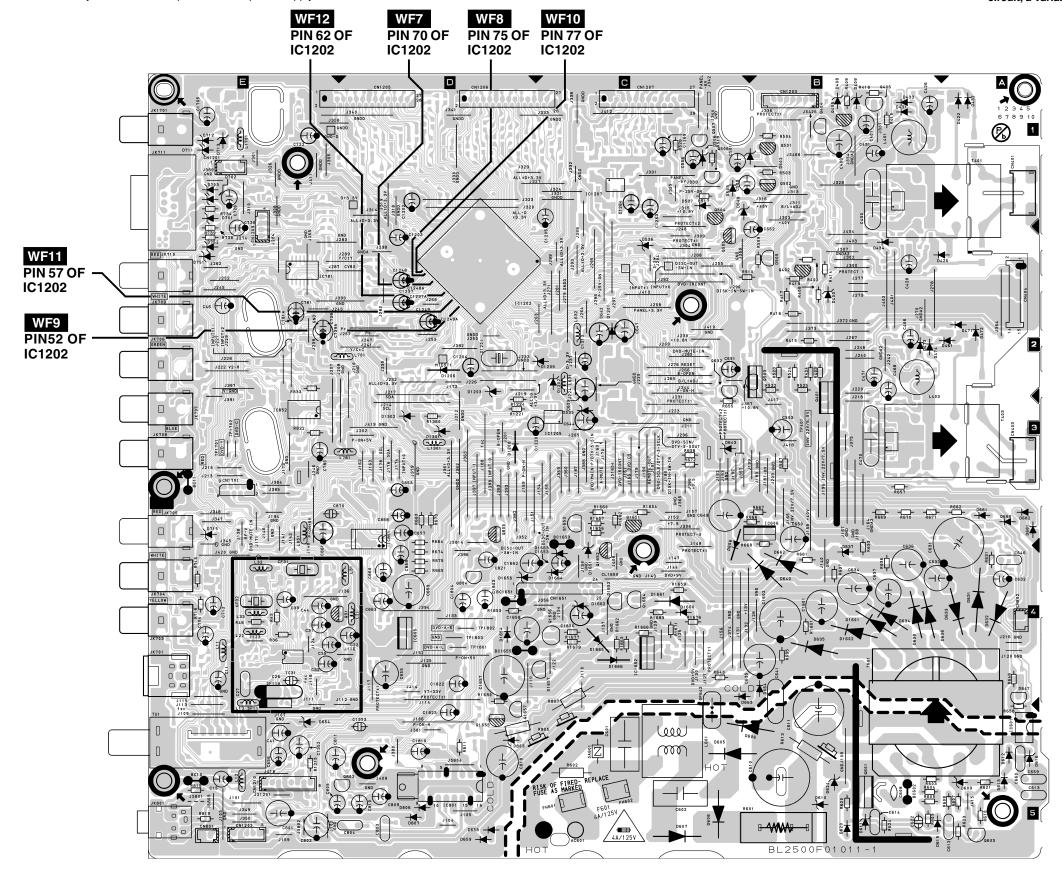
**CAUTION!:** For continued protection against risk of fire, replace only with same type 4 A, 125V fuse.

ATTENTION: Utiliser un fusible de rechange de même type de 4A, 125V.

Because a hot chassis ground is present in the power supply circuit, an isolation transformer must be used. Also, in order to have the ability to increase the input slowly, when troubleshooting this type power supply circuit, a variable isolation transformer is required.

#### NOTE:

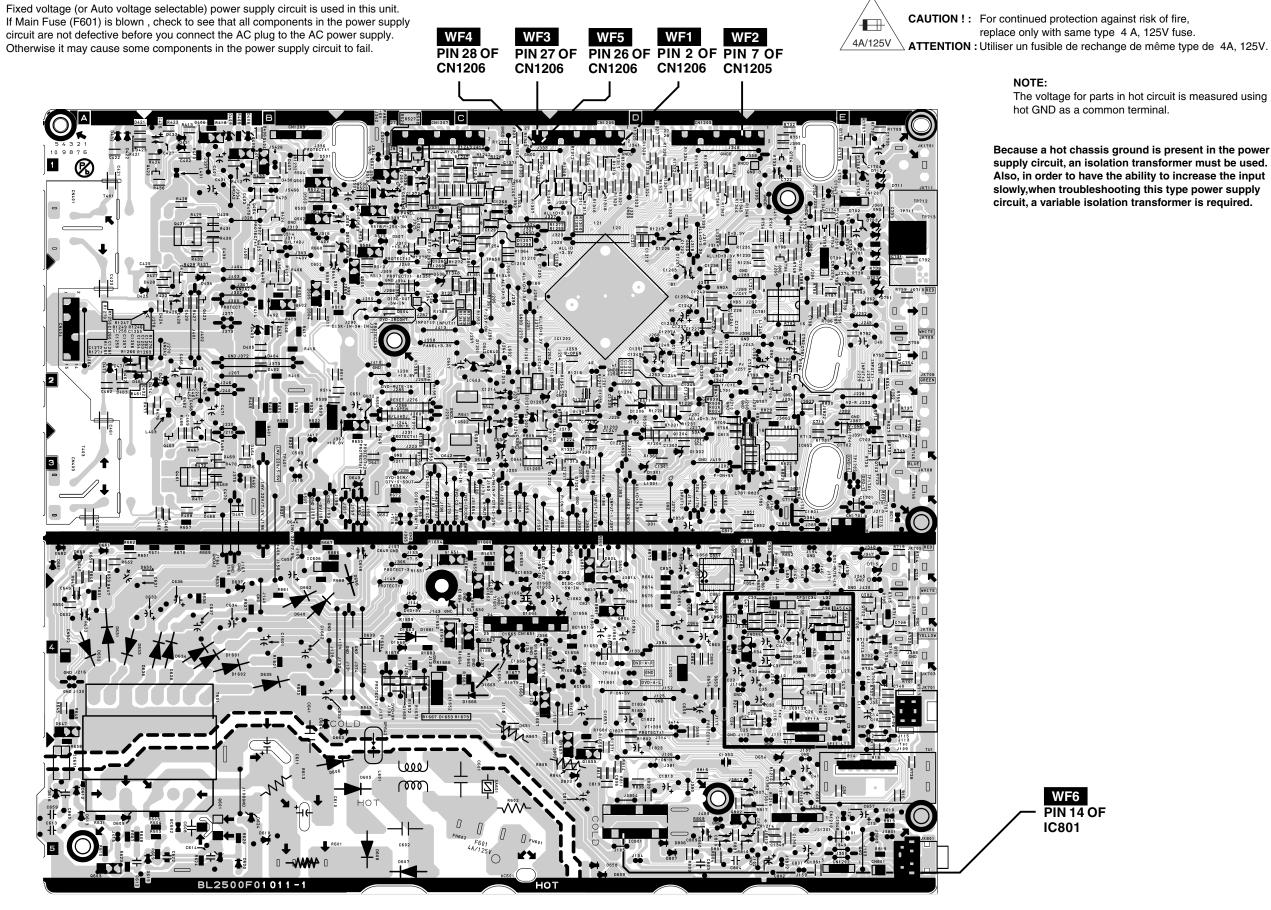
The voltage for parts in hot circuit is measured using hot GND as a common terminal.



8-11 BL2500F01011-1

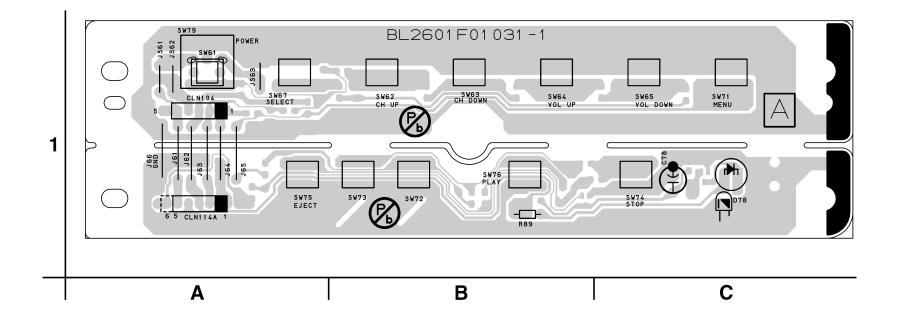
#### **Main CBA Bottom View**

#### CAUTION!



8-12 BL2500F01011-1

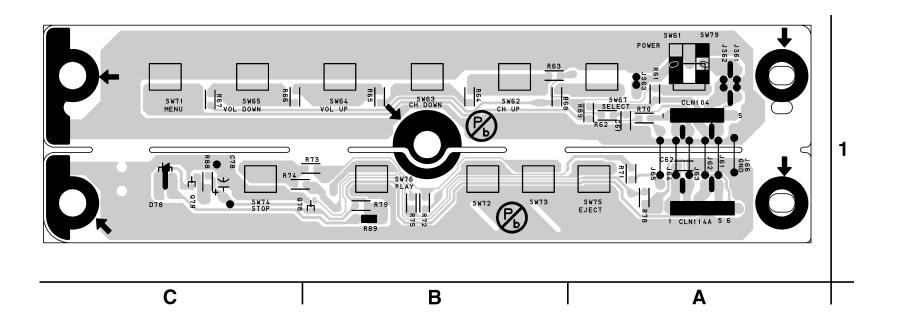
### **Function CBA Top View**



# Top View Bottom View 1 A Bottom View Bottom View

IR Sensor CBA

### **Function CBA Bottom View**

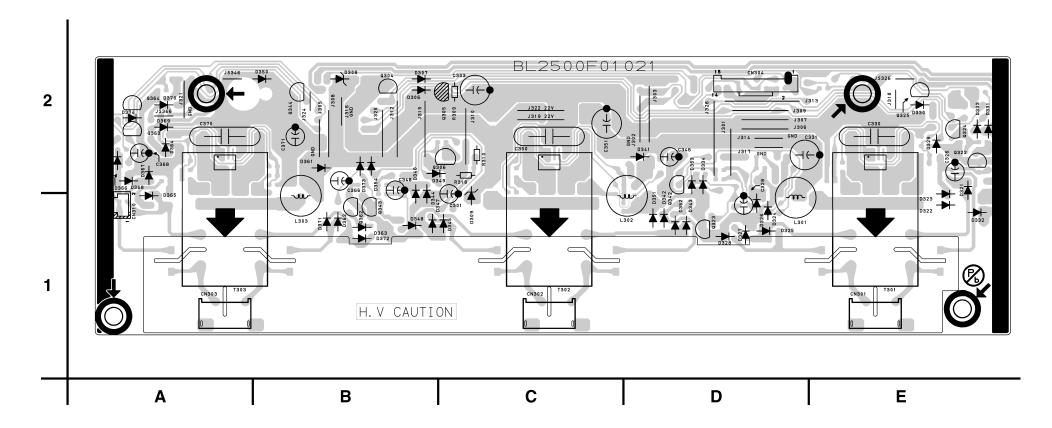


BL2601F01031-2

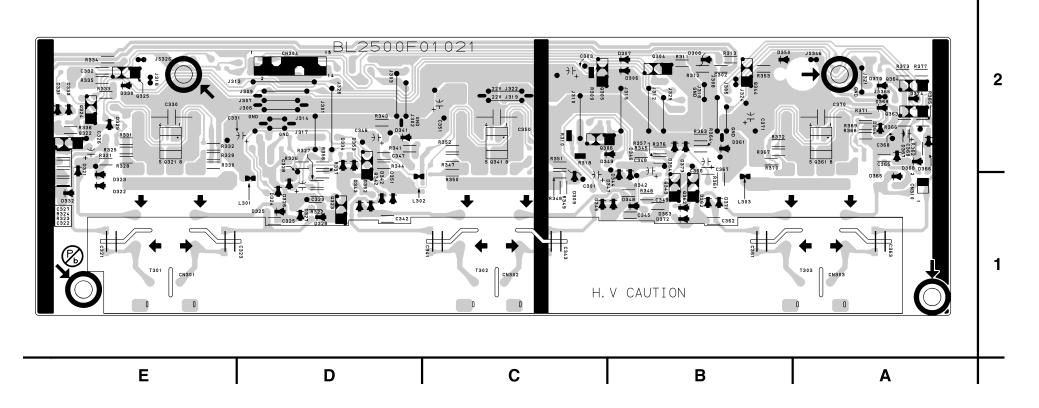
IR Sensor CBA

BL2601F01031-1

### **Inverter CBA Top View**



### **Inverter CBA Bottom View**



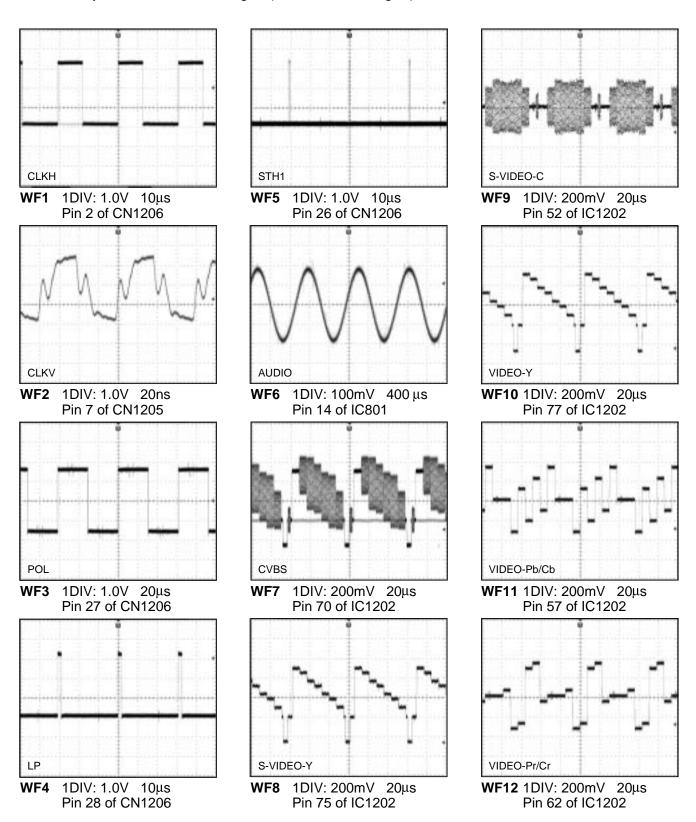
8-14 BL2500F01021

### **WAVEFORMS**

WF1 ~ WF12 = Waveforms to be observed at Waveform check points.

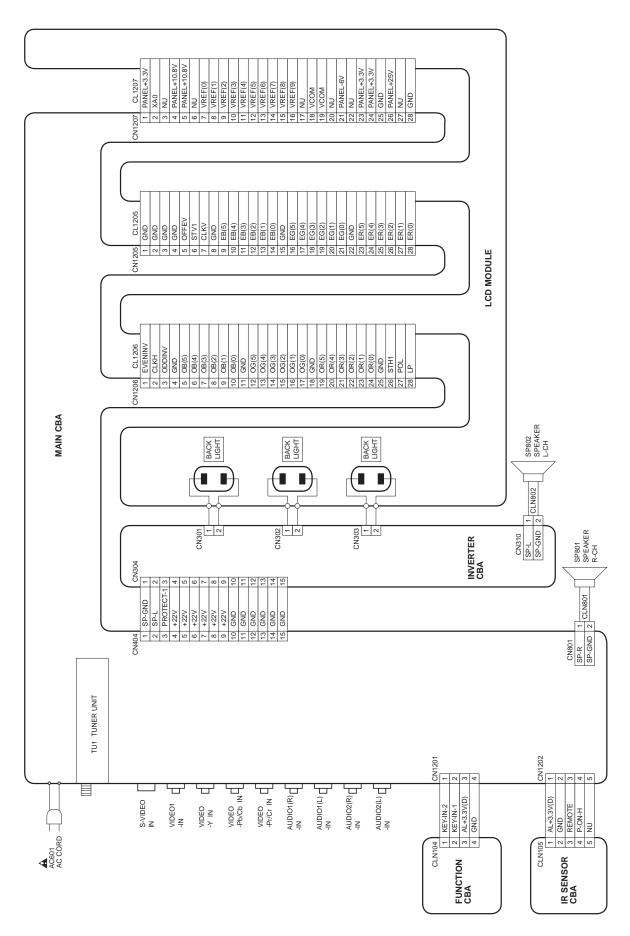
(Shown in Schematic Diagram.)

Input: NTSC Color Bar Signal (with 1kHz Audio Signal)



9-1 L2500WF

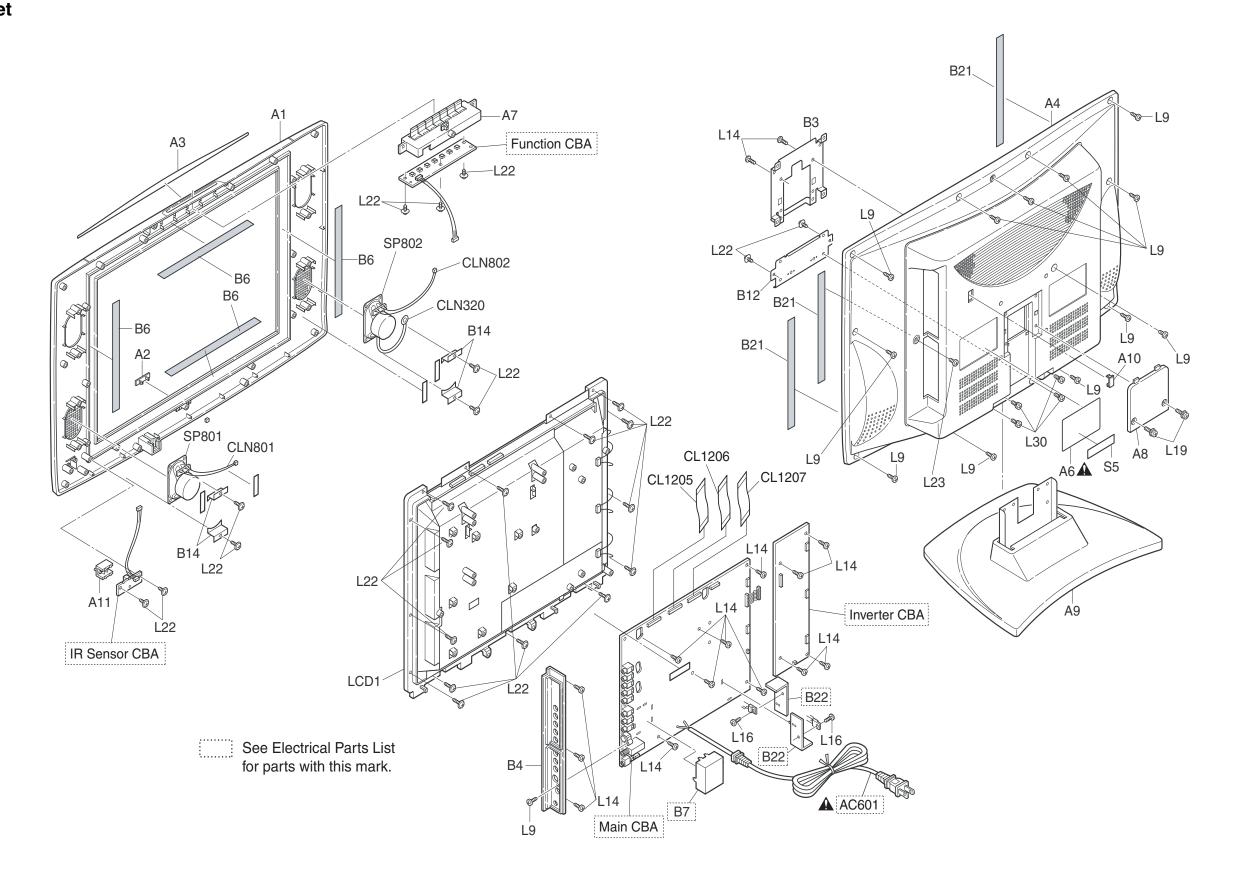
### **WIRING DIAGRAM**



10-1 L2601WI

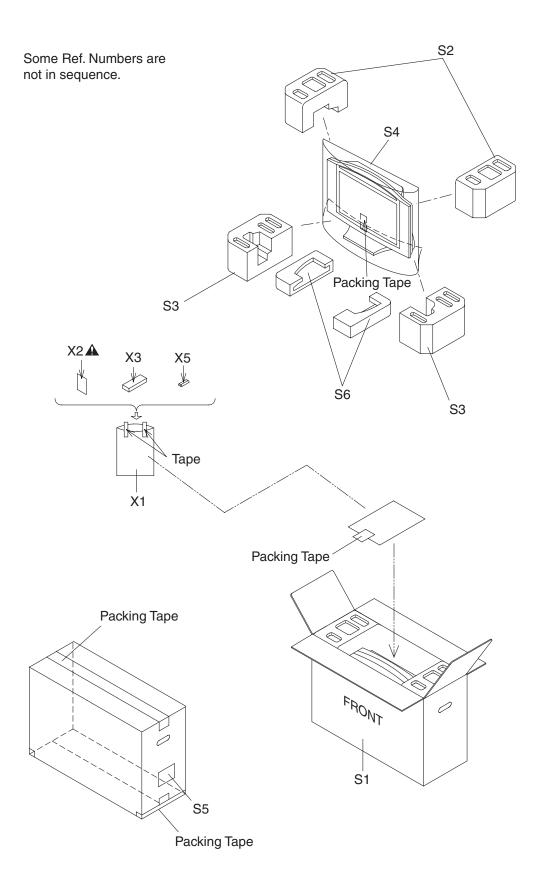
### **EXPLODED VIEWS**

### Cabinet



11-1 L2601CEX

### **Packing**



11-2 L2601PEX

### **MECHANICAL PARTS LIST**

PRODUCT SAFETY NOTE: Products marked with a 
♠ have special characteristics important to safety.

Before replacing any of these components, read carefully the product safety notice in this service manual. Don't degrade the safety of the product through improper servicing.

**NOTE:** Parts that are not assigned part numbers (-----) are not available.

Ref. No.	Description	Part No.
A1	FRONT CABINET L3200UA	1EM020185
A2	BRAND BADGE L2601UB	1EM423160
A3	CONTROL PLATE L0301UB	1EM220019
A4	REAR CABINET L3200UA	1EM020138
A6 <b>♠</b>	RATING LABEL L2601UB	
A7	FUNCTION KNOB L0301UB	1EM220005A
A8	REAR COVER L3207UH	1EM420953
A9	TILT STAND ASSEMBLY L0301UB	1EMN20039B
A10	CONNECTOR CAP L3200UA	1EM420645
A11	SENSOR/LED LENS L0301UB	1EM220004
B3	STAND HOLDER L0200UA	0EM301999B
B4	JACK HOLDER L3201UB	1EM120107
B6	CLOTH(15X190XT 0.5) L0100JA	0EM407894
B12	20V TILT STAND HOLDER L4200EA	1EM320145
B14	SPEAKER HOLDER L0110UA	0EM407855C
B21	CLOTH(10X180XT0.5) L0336JG	0EM408827
CL1205	WIRE ASSEMBLY 28PIN 28PIN/92MM/WHITE	WX1L2600-001
CL1206	WIRE ASSEMBLY 28PIN 28PIN/92MM/WHITE	WX1L2600-001
CL1207	WIRE ASSEMBLY 28PIN 28PIN/92MM/WHITE	WX1L2600-001
CLN320	WIRE ASSEMBLY 1PIN 80MM BLACK	WX1L2600-015
CLN801	WIRE ASSEMBLY 2PIN SPEAKER 2PIN/ 325MM	WX1L2600-009
CLN802	WIRE ASSEMBLY 2PIN SPEAKER 2PIN/ 325MM	WX1L2600-009
L9	SCREW P-TIGHT 3X10 BIND HEAD+	GBHP3100
L14	SCREW P-TIGHT M3X8 BIND HEAD+	GBJP3080
L19	DOUBLE SEMS SCREW M4X9 + BLACK L0130UA	0EM408146A
L22	SCREW P-TIGHT 3X14 WASHER HEAD+	GCJP3140
L23	SCREW P-TIGHT M3X8 BIND HEAD+ BLK	GBHP3080
L30	DOUBLE SEMS SCREW M4X12 + BLAK	FPH34120
LCD1	LCD MODULE ASSEMBLY UE200XA	1FSA10129
SP801	SPEAKER S0407F10	DSD0807XQ002
SP802	SPEAKER S0407F10	DSD0807XQ002
	PACKING	
S1	CARTON L2601UB	1EM423468
S2	STYROFOAM TOP L0301UB	1EM020018A
S3	STYROFOAM BOTTOM L0301UB	1EM020019A
S4	SET BAG L3207UH	1EM320295
S5	SERIAL NO. LABEL L9750UA	
S6	STYROFOAM STAND BOTTOM L0301UB	1EM020020A
	ACCESSORIES	
X1	BAG POLYETHYLENE 235X365XT0.03	0EM408420A
X2 <b>A</b>	OWNER S MANUAL L2601UB	1EMN21873
X3	REMOTE CONTROL 170/ECNLC301/NE900UD	NE900UD
X5	DRY BATTERY R03/2S	XB0M451T0006

### **ELECTRICAL PARTS LIST**

PRODUCT SAFETY NOTE: Products marked with a 
♠ have special characteristics important to safety.

Before replacing any of these components, read carefully the product safety notice in this service manual. Don't degrade the safety of the product through improper servicing.

### **NOTES:**

- 1. Parts that are not assigned part numbers (-----) are not available.
- 2. Tolerance of Capacitors and Resistors are noted with the following symbols.

C±0.25%	D±0.5%	F±1%
G±2%	J±5%	K±10%
M±20%	N±30%	Z+80/-20%

### **MAIN CBA**

Ref. No.	Description	Part No.
	MAIN CBA Consists of the following:	1ESA13198
	CAPACITORS	
C11	ELECTROLYTIC CAP. 47µF/50V M	CE1JMASDL470
C15	ELECTROLYTIC CAP. 47µF/50V M	CE1JMASDL470
C22	ELECTROLYTIC CAP. 100μF/10V M	CE1AMASDL101
C23	CHIP CERAMIC CAP.(1608) CH J 1000pF/50V	CHD1JJ3CH102
C24	CHIP CERAMIC CAP.(1608) CH J 1000pF/50V	CHD1JJ3CH102
C25	CHIP CERAMIC CAP.(1608) B K 0.01µF/50V	CHD1JK30B103
C26	PCB JUMPER D0.6-P5.0	JW5.0T
C27	FILM CAP.(P) 0.018μF/50V J	CA1J183MS029
C28	CHIP CERAMIC CAP.(1608) B K 0.047µF/50V	CHD1JK30B473
C29	CHIP CERAMIC CAP. CH D 3pF/50V	CHD1JD3CH3R0
C30	CHIP CERAMIC CAP.(1608) B K 0.01µF/50V	CHD1JK30B103
C31	PCB JUMPER D0.6-P5.0	JW5.0T
C32	ELECTROLYTIC CAP. 100μF/10V M	CE1AMASDL101
C34	CHIP CERAMIC CAP.(1608) CH J 47pF/50V	CHD1JJ3CH470
C35	ELECTROLYTIC CAP. 1μF/50V M	CE1JMASDL1R0
C36	CHIP CERAMIC CAP.(1608) CH J 47pF/50V	CHD1JJ3CH470
C37	CHIP CERAMIC CAP. CH J 680pF/50V	CHD1JJ3CH681
C39	ELECTROLYTIC CAP. 0.47μF/50V M	CE1JMASDLR47
C41	ELECTROLYTIC CAP. 4.7μF/50V M	CE1JMASDL4R7
C42	CHIP CERAMIC CAP.(1608) B K 0.01µF/50V	CHD1JK30B103
C44	ELECTROLYTIC CAP. 100μF/10V M	CE1AMASDL101
C46	ELECTROLYTIC CAP. 47μF/16V M	CE1CMASDL470
C47	CHIP CERAMIC CAP. CH D 6pF/50V	CHD1JD3CH6R0
C48	CHIP CERAMIC CAP. CH D 3pF/50V	CHD1JD3CH3R0
C501	ELECTROLYTIC CAP. 22µF/50V M	CE1JMASDL220
C502	CHIP CERAMIC CAP.(1608) B K 0.01µF/50V	CHD1JK30B103
C503	ELECTROLYTIC CAP. 220µF/16V M	CE1CMASDL221
C504	CHIP CERAMIC CAP.(1608) B K 0.01µF/50V	CHD1JK30B103
C505	CHIP CERAMIC CAP.(1608) B K 0.01µF/50V	CHD1JK30B103
C506	ELECTROLYTIC CAP. 100μF/10V M	CE1AMASDL101
C507	CHIP CERAMIC CAP.(1608) B K 0.01µF/50V	CHD1JK30B103
C508	ELECTROLYTIC CAP. 10μF/50V M	CE1JMASDL100
C601 <b>▲</b>	METALIZED FILM CAP. 0.22μF/250V	CT2E224MS037
C608	CERAMIC CAP. B K 1000pF/2KV	CCD3DKP0B102
C610 <b>▲</b>	ELECTROLYTIC CAP. 100µF/200V M	CE2DMZPDL101
C611 <b>▲</b>	ELECTROLYTIC CAPACITOR 150μF/200V	CA2D151S6012

D. ( N.		5
Ref. No.	Description	Part No.
C612	FILM CAP.(P) 0.01μF/50V J	CMA1JJS00103
C613	FILM CAP.(P) 0.056µF/50V J	CMA1JJS00563
C631 <b>▲</b>	ELECTROLYTIC CAP. 2200μF/25V M	CE1EMZPDL222
C632 <b>▲</b>	ELECTROLYTIC CAP. 22μF/100V M	CE2AMASDL220
C633 <b>▲</b>	ELECTROLYTIC CAP. 220μF/16V M	CE1CMASDL221
C634	ELECTROLYTIC CAP. 1000μF/10V M	CE1AMASDL102
C635 <b>▲</b>	ELECTROLYTIC CAP. 470μF/25V M	CE1EMASDL471
C636 <b>▲</b>	ELECTROLYTIC CAP. 220µF/50V M	CE1JMASDL221
C637 <b>▲</b>	ELECTROLYTIC CAP. 470µF/16V M	CE1CMASDL471
C638	CHIP CERAMIC CAP.(1608) B K 0.22μF/16V	CHD1CK30B224
C639	ELECTROLYTIC CAP. 330μF/6.3V M	CE0KMASDL331
C640	CHIP CERAMIC CAP.(1608) B K 0.22µF/16V	CHD1CK30B224
C641 <b>▲</b>	SAFETY CAP. 4700pF/250V KX	CA2E472MR050
C642	ELECTROLYTIC CAP. 220μF/6.3V M H7	CE0KMASSL221
C644	ELECTROLYTIC CAP. 220µF/6.3V M H7	CE0KMASSL221
C646	FILM CAP.(P) 0.082μF/50V J	CMA1JJS00823
C647	ELECTROLYTIC CAP. 220μF/6.3V M H7	CE0KMASSL221
C648	CHIP CERAMIC CAP.(1608) B K 0.22μF/16V	CHD1CK30B224
C649	ELECTROLYTIC CAP. 470μF/16V M	CE1CMASDL471
C650	ELECTROLYTIC CAP. 330µF/25V M	CE1EMASDL331
C651	ELECTROLYTIC CAP. 47μF/16V M H7	CE1CMASSL470
C652▲	ELECTROLYTIC CAP. 10μF/50V M	CE1JMASDL100
C653	ELECTROLYTIC CAP. 470μF/16V M	CE1CMASDL471
C654	CHIP CERAMIC CAP.(1608) B K 0.22µF/16V	CHD1CK30B224
C655	ELECTROLYTIC CAP. 470μF/6.3V M	CE0KMASDL471
C656	ELECTROLYTIC CAP. 1μF/50V M	CE1JMASDL1R0
C657	CHIP CERAMIC CAP.(1608) B K 0.01µF/50V	CHD1JK30B103
C659	FILM CAP.(P) 0.022μF/50V J	CMA1JJS00223
C660	FILM CAP.(P) 0.0068μF/50V J	CMA1JJS00682
C704	ELECTROLYTIC CAP. 47μF/16V M	CE1CMASDL470
C707	CHIP CERAMIC CAP.(1608) CH J 1000pF/50V	CHD1JJ3CH102
C708	CHIP CERAMIC CAP.(1608) CH J 100pF/50V	CHD1JJ3CH101
C712	ELECTROLYTIC CAP. 47μF/16V M	CE1CMASDL470
C713	CHIP CERAMIC CAP (1608) B K 3300pF/50V	CHD1JK30B332
C714	CHIP CERAMIC CAP FZ 1µF/10V	CHD1AZ30F105
C715	CHIP CERAMIC CAP (1608) B K 3300pF/50V	CHD1JK30B332
C716	CHIP CERAMIC CAP. F Z 1µF/10V	CHD1AZ30F105
C722	ELECTROLYTIC CAP. 47µF/16V M	CE1CMASDL470
C726	ELECTROLYTIC CAP. 47µF/16V M	CE1CMASDL470
C730	ELECTROLYTIC CAP. 400. F/10V M	CE1CMASDL470
C739	ELECTROLYTIC CAP. 100μF/10V M	CE1AMASDL101
C740	CHIP CERAMIC CAP.(1608) CH J 100pF/50V CHIP CERAMIC CAP. F Z 1µF/10V	CHD1JJ3CH101
C751	CHIP CERAMIC CAP: F Z 1μF/10V	CHD1AZ30F105
C752 C753	· · · · · · · · · · · · · · · · · · ·	CHD1AZ30F105 CHD1JK30B332
	CHIP CERAMIC CAP.(1608) B K 3300pF/50V  CHIP CERAMIC CAP.(1608) B K 3300pF/50V	CHD1JK30B332
C754 C781	ELECTROLYTIC CAP. (1006) B K 33000F/30V	CE1JMASDL100
C782	CHIP CERAMIC CAP. (1608) B K 0.1μF/50V	CHD1JK30B104
C785	` ' '	CE1AMASDL101
C801	ELECTROLYTIC CAP. 100µF/10V M ELECTROLYTIC CAP. 220µF/16V M	CE1CMASDL221
C802	ELECTROLYTIC CAP. 220µF/16V M	CE1CMASDL221
C802	ELECTROLYTIC CAP: 220μF/16V M  ELECTROLYTIC CAP: 10μF/50V M	CE1JMASDL100
C806	CHIP CERAMIC CAP. F Z 1μF/10V	CHD1AZ30F105
C806	CHIP CERAMIC CAP: F Z 1μF/10V	CHD1AZ30F105 CHD1AZ30F105
C809	ELECTROLYTIC CAP: 10μF/50V M	CE1JMASDL100
C810	ELECTROLYTIC CAP. 10µF/30V M	CE1JMASDL2R2
C811	ELECTROLYTIC CAP. 2.2μF/30V M	CE1CMASDL2h2
C812	CHIP CERAMIC CAP. F Z 1μF/10V	CHD1AZ30F105
C813	CHIP CERAMIC CAP. F Z 1μF/10V	CHD1AZ30F105
C818	ELECTROLYTIC CAP: 470μF/16V M	CE1CMASDL471
5010	LLLO I HOLI HO OAF. 470µI / 10V IVI	OL TOMASDL4/ I

Ref. No.	Description	Part No.
C819	Description  CHIP CERAMIC CAP. B K 2200pF/50V	CHD1JK30B222
	CHIP CERAMIC CAP. B K 2200pF/50V	CHD1JK30B222 CHD1JK30B222
C820 C853	ELECTROLYTIC CAP: 8 K 2200pF/30V	CE1JMASSL2R2
C854	CHIP CERAMIC CAP.(1608) B K 0.1μF/50V	CHD1JK30B104
C855	CHIP CERAMIC CAP.(1608) B K 0.1μF/50V	CHD1JK30B104
C856	CHIP CERAMIC CAP.(1608) B K 0.33µF/10V	CHD13K30B334
C857	ELECTROLYTIC CAP. 2.2µF/50V M	CE1JMASDL2R2
C858	ELECTROLYTIC CAP. 2.2µF/50V M H7	CE1JMASSL2R2
C859	ELECTROLYTIC CAP. 4.7µF/50V M	CE1JMASDL4R7
C860	ELECTROLYTIC CAP. 10μF/50V M	CE1JMASDL100
C861	ELECTROLYTIC CAP. 100µF/10V M	CE1AMASDL101
C863	ELECTROLYTIC CAP. 2.2µF/50V M	CE1JMASDL2R2
C864	CHIP CERAMIC CAP.(1608) B K 0.022μF/50V	CHD1JK30B223
C865	CHIP CERAMIC CAP (1608) B K 0.1µF/50V	CHD1JK30B104
C866	CHIP CERAMIC CAP. F Z 2.2µF/10V	CHD1AZ30F225
C867	CHIP CERAMIC CAP. F Z 2.2µF/10V	CHD1AZ30F225
C868	CHIP CERAMIC CAP(1608) B K 1μF/10V	CHD1AK30B105
C869	CHIP CERAMIC CAP.(1608) B K 0.022µF/50V	CHD1JK30B223
C1202	ELECTROLYTIC CAP. 47μF/16V M H7	CE1CMASSL470
C1203	ELECTROLYTIC CAP. 100μF/16V M	CE1CMASDL101
C1204	ELECTROLYTIC CAP. 47μF/16V M H7	CE1CMASSL470
C1205	ELECTROLYTIC CAP. 100μF/16V M	CE1CMASDL101
C1206	CHIP CERAMIC CAP(1608) F Z 0.1μF/25V	CHD1EZ30F104
C1207	CHIP CERAMIC CAP.(1608) F Z 0.1µF/25V	CHD1EZ30F104
C1208	CHIP CERAMIC CAP.(1608) B K 0.01µF/50V	CHD1JK30B103
C1209	CHIP CERAMIC CAP.(1608) F Z 0.1µF/25V	CHD1EZ30F104
C1210	CHIP CERAMIC CAP.(1608) F Z 0.1µF/25V	CHD1EZ30F104
C1211	CHIP CERAMIC CAP.(1608) CH J 1000pF/50V	CHD1JJ3CH102
C1212	CHIP CERAMIC CAP.(1608) B K 0.01µF/50V	CHD1JK30B103
C1213	ELECTROLYTIC CAP. 10μF/50V M H7	CE1JMASSL100
C1214	CHIP CERAMIC CAP.(1608) B K 0.22µF/16V	CHD1CK30B224
C1215	CHIP CERAMIC CAP.(1608) B K 0.01µF/50V	CHD1JK30B103
C1216	CHIP CERAMIC CAP.(1608) F Z 0.1μF/25V	CHD1EZ30F104
C1217	CHIP CERAMIC CAP.(1608) B K 0.01μF/50V	CHD1JK30B103
C1218	CHIP CERAMIC CAP.(1608) B K 0.01μF/50V	CHD1JK30B103
C1219	CHIP CERAMIC CAP.(1608) CH J 47pF/50V	CHD1JJ3CH470
C1220	ELECTROLYTIC CAP. 330μF/16V M	CE1CMASDL331
C1224	CHIP CERAMIC CAP.(1608) CH J 47pF/50V	CHD1JJ3CH470
C1226	CHIP CERAMIC CAP.(1608) B K 0.1μF/50V	CHD1JK30B104
C1227	CHIP CERAMIC CAP.(1608) B K 0.1μF/50V	CHD1JK30B104
C1228	CHIP CERAMIC CAP.(1608) B K 0.1µF/50V	CHD1JK30B104
C1229	CHIP CERAMIC CAP.(1608) B K 0.1μF/50V	CHD1JK30B104
C1230	CHIP CERAMIC CAP.(1608) B K 0.1µF/50V	CHD1JK30B104
C1231	CHIP CERAMIC CAP(1608) B K 0.1μF/50V	CHD1JK30B104
C1232	CHIP CERAMIC CAP.(1608) B K 0.1μF/50V	CHD1JK30B104
C1233	CHIP CERAMIC CAP(1608) B K 0.1µF/50V	CHD1JK30B104
C1234	CHIP CERAMIC CAP (1608) B K 0.1μF/50V	CHD1JK30B104
C1235	CHIP CERAMIC CAP (1608) CH J 33pF/50V	CHD1JJ3CH330
C1236	CHIP CERAMIC CAP (1608) CH J 33pF/50V	CHD1JJ3CH330 CE1CMASSL470
C1237	ELECTROLYTIC CAP. 47μF/16V M H7	
C1239 C1240	CHIP CERAMIC CAP.(1608) B K 0.1μF/50V CHIP CERAMIC CAP.(1608) B K 0.1μF/50V	CHD1JK30B104 CHD1JK30B104
C1240	CHIP CERAMIC CAP.(1608) B K 0.1μF/50V	CHD1JK30B104 CHD1JK30B104
C1241	CHIP CERAMIC CAP.(1608) B K 0.1μF/50V	CHD1JK30B104 CHD1JK30B104
C1243	CHIP CERAMIC CAP.(1608) B K 0.1μF/50V	CHD1JK30B104 CHD1JK30B104
C1245	CHIP CERAMIC CAP.(1608) B K 0.1μF/50V	CHD1JK30B104 CHD1JK30B104
C1246	ELECTROLYTIC CAP. (1006) Β K U. 1μΡ/30V	CE1CMASSL470
C1248	ELECTROLYTIC CAP: 47μ1/16V M H7	CE1CMASSL470
C1249	CHIP CERAMIC CAP. (1608) B K 0.01µF/50V	CHD1JK30B103
C1250	CHIP CERAMIC CAP.(1608) B K 0.01µF/50V	CHD1JK30B103
C1253	CHIP CERAMIC CAP.(1608) B K 0.22µF/16V	CHD1CK30B224
C1254	CHIP CERAMIC CAP.(1608) B K 0.22µF/16V	CHD1CK30B224
C1255	CHIP CERAMIC CAP.(1608) B K 0.22μF/16V	CHD1CK30B224

Ref. No.	Description	Part No.
C1256	CHIP CERAMIC CAP(1608) B K 0.22µF/16V	CHD1CK30B224
C1257	CHIP CERAMIC CAP.(1608) B K 0.22µF/16V	CHD1CK30B224
C1258	CHIP CERAMIC CAP.(1608) B K 0.22µF/16V	CHD1CK30B224
C1259	CHIP CERAMIC CAP (1608) B K 0.22µF/16V	CHD1CK30B224
C1260	CHIP CERAMIC CAP.(1608) B K 0.22μF/16V	CHD1CK30B224
C1261	CHIP CERAMIC CAP.(1608) B K 0.22µF/16V	CHD1CK30B224
C1262	CHIP CERAMIC CAP.(2125) B K 4.7µF/16V	CHE1CK30B475
C1263	ELECTROLYTIC CAP. 47μF/16V M H7	CE1CMASSL470
C1264	ELECTROLYTIC CAP. 47μF/16V M H7	CE1CMASSL470
C1265	CHIP CERAMIC CAP.(1608) F Z 0.1μF/25V	CHD1EZ30F104
C1266	CHIP CERAMIC CAP.(1608) B K 1μF/10V	CHD1AK30B105
C1268	CHIP CERAMIC CAP.(1608) B K 0.1μF/50V	CHD1JK30B104
C1269	ELECTROLYTIC CAP. 4.7μF/50V M	CE1JMASDL4R7
C1270	CHIP CERAMIC CAP.(1608) B K 1μF/10V	CHD1AK30B105
C1271	CHIP CERAMIC CAP.(1608) B K 1μF/10V	CHD1AK30B105
C1302	CHIP CERAMIC CAP.(1608) B K 0.1μF/50V	CHD1JK30B104
C1345	CHIP CERAMIC CAP:(1608) CH J 100pF/50V	CHD1JJ3CH101
C1346	CHIP CERAMIC CAP.(1608) CH J 100pF/50V	CHD1JJ3CH101
C1347	CHIP CERAMIC CAP.(1608) B K 0.01µF/50V	CHD1JK30B103
C1348	CHIP CERAMIC CAP.(1608) B K 0.1μF/50V	CHD1JK30B104
C1350	CHIP CERAMIC CAP. CH J 330pF/50V	CHD1JJ3CH331
C1352	ELECTROLYTIC CAP. 47µF/10V M	CE1AMASDL470
C1353	CAP CERAMIC AXIAL 56pF 50V CH J	CCK1JJTCH560
011404	CONNECTORS	IOTAMA STOOM
CN404	TWG CONNECTOR 15P TWG-P15P-A1	J3TWA15TG001
CN801	CONNECTOR PRINT OSU 008283021200000S+	J383C02UG004
CN1201	PH CONNECTOR TOP 4P B4B-PH-K-S (LF)(SN)	J3PHC04JG029
CN1202	CONNECTOR PRINT OSU B5B-PH-K-S (LF)(SN)	J3PHC05JG029
CN1205	CONNECTOR PRINT MES G/28/R/28FMN- STK-A(L	JCFNG28JG021
CN1206	CONNECTOR PRINT MES G/28/R/28FMN- STK-A(L	JCFNG28JG021
CN1207	CONNECTOR PRINT MES G/28/R/28FMN- STK-A(L	JCFNG28JG021
CN1209	PH CONNECTOR TOP 4P B4B-PH-K-S (LF)(SN)	J3PHC04JG029
	DIODES	
D31	SWITCHING DIODE 1SS400	QD1Z001SS400
D401	SWITCHING DIODE 1SS400	QD1Z001SS400
D402	SWITCHING DIODE 1SS400	QD1Z001SS400
D403	ZENER DIODE MTZJT-7718B	QDTB00MTZJ18
D404	SWITCHING DIODE 1SS400	QD1Z001SS400
D405	SWITCHING DIODE 1SS400	QD1Z001SS400
D501	SWITCHING DIODE 1SS400	QD1Z001SS400
D502	ZENER DIODE MTZJT-7724B	QDTB00MTZJ24
D503	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D504	SWITCHING DIODE 1SS400	QD1Z001SS400
D505	IC SHUNT REGULATOR KIA431-AT/P	NSZBA0TJY036
D506	ZENER DIODE MTZJT-776.2B	QDTB0MTZJ6R2
D507	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D510	SWITCHING DIODE 1SS400	QD1Z001SS400
D605	DIODE 1N5397-B	NDLZ001N5397
D606A	DIODE 1N5397-B	NDLZ001N5397
D607	DIODE 1N5397-B	NDLZ001N5397
D608A	DIODE 1N5397-B	NDLZ001N5397
D609	ZENER DIODE MTZ IT 7733B	QDTB0MTZJ5R6
D611	ZENER DIODE MTZJT-7722B	QDTB00MTZJ22
D612	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D613	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D615	SWITCHING DIODE 1SS133(T-77)  ZENER DIODE MTZJT-7733B	QDTZ001SS133 QDTB00MTZJ33
D616A D620	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
טעע	OWIT OF IING DIODE 133133(1-77)	QD1200133133

Ref. No.	Description	Part No.
D624A	ZENER DIODE MTZJT-7733B	QDTB00MTZJ33
D631	SCHOTTKY BARRIER DIODE ERC84-009	QDLZERC84009
D632A	DIODE FR154	NDLZ000FR154
D633A	DIODE FR154	NDLZ000FR154
D634	SCHOTTKY BARRIEA DIODE 11EQS04	QD4Z011EQS04
D635▲	DIODE FR154	NDLZ000FR154
D636▲	DIODE FR154	NDLZ000FR154
D637	DIODE 1ZC43(Q)	QDLZ001ZC43Q
D638▲	SCHOTTKY BARRIEA DIODE 11EQS04	QD4Z011EQS04
D639	SWITCHING DIODE 1SS400	QD1Z001SS400
D640	DIODE 1N5397-B	NDLZ001N5397
D641	SWITCHING DIODE 1SS400	QD1Z001SS400
D642	SWITCHING DIODE 1SS400	QD1Z001SS400
D643	ZENER DIODE MTZJT-7715B	QDTB00MTZJ15
D644	SWITCHING DIODE 1SS400	QD1Z001SS400
D645	SWITCHING DIODE 1SS400	QD1Z001SS400
D646	SWITCHING DIODE 1SS400	QD1Z001SS400
D647	IC SHUNT REGULATOR KIA431-AT/P	NSZBA0TJY036
D648	SWITCHING DIODE 1SS400	QD1Z001SS400
D649A	ZENER DIODE MTZJT-7739B	QDTB00MTZJ39
D650	SWITCHING DIODE 1SS400	QD1Z001SS400
D651	SWITCHING DIODE 1SS400	QD1Z001SS400
D652	SWITCHING DIODE 1SS400	QD1Z001SS400
D653	SWITCHING DIODE 1SS400	QD1Z001SS400
D654	ZENER DIODE MTZJT-7733C	QDTC00MTZJ33
D655	SWITCHING DIODE 1SS400	QD1Z001SS400
D656	SCHOTTKY BARRIEA DIODE 11EQS04	QD4Z011EQS04
D658▲	PCB JUMPER D0.6-P5.0	JW5.0T
D659	PCB JUMPER D0.6-P5.0	JW5.0T
D660	PCB JUMPER D0.6-P5.0	JW5.0T
D663	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D664	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D681	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D682	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D801	SWITCHING DIODE 1SS400	QD1Z001SS400
D802	SWITCHING DIODE 1SS400	QD1Z001SS400
D803	ZENER DIODE MTZJT-776.2B	QDTB0MTZJ6R2
D806	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D807	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D1201	ZENER DIODE MTZJT-772.2B	QDTB0MTZJ2R2
D1202	ZENER DIODE MTZJT-773.9B	QDTB0MTZJ3R9
D1205	ZENER DIODE MTZJT-773.6B	QDTB0MTZJ3R6
D1206	SCHOTTKY BARRIEA DIODE 11EQS04	QD4Z011EQS04
D1207	SWITCHING DIODE 1SS400	QD1Z001SS400
D1208	SCHOTTKY BARRIEA DIODE 11EQS04	QD4Z011EQS04
D1209	IC TL431ACDBVR	NSZBA0TTY116
D1301	ZENER DIODE MTZJT-773.9B	QDTB0MTZJ3R9
100:	ICS	loozo : - c: =
IC31	IC VIF/SIF M61116FP TF0G	QSZBA0SHT034
IC601A	PHOTOCOUPLER LTV-817C-F	NPEC0LTV817F
IC602	VOLTAGE REGULATOR LD1117SC-R	NSZBA0TSS229
IC603	VOLTAGE REGULATOR LD1117SC-R	NSZBA0TSS229
IC605	IC VOLTAGE REGULATOR 5V KIA7805API/P	NSZBA0SJY041
IC606	IC VOLTAGE REGULATOR 5V KIA7805API/P	NSZBA0SJY041
IC781	IC SWITCH TC4053BF(EL N F)	QSZBA0TTS163
IC801	IC AN17812A	QSZBA0SMS017
IC851	IC MTS DECORDER AN5832SA-E1V	QSZBA0TMS003
IC852	IC SWITCHING TC4052BF(ELNF)	QSZBA0TTS162
IC1201	RESET IC IC-PST9223NR	QSZBA0TMM006
IC1202	IC DVP R8A01027A91FP RF0Z	QSZAA0RHT116
IC1205	IC EEPROM(32K) BR24L32F-WE2	QSZBA0TRM067
IC1207	IC TL3472CDR	NSZBA0TTY115

COILS           COILS           COILS           L11         INDUCTOR 22µH-K-5FT         LLARKBSTU220           L12         INDUCTOR 22µH-K-5FT         LLARKBSTU220           L13         INDUCTOR 100µH-K-5FT         LLARKBSTU210           L21         INDUCTOR 100µH-K-5FT         LLAXJATTUR47           L21         INDUCTOR 100µH-K-5FT         LLAXJATTU151           L31         INDUCTOR 10µH-K-5FT         LLAXJATTU151           L32         INDUCTOR 10µH-K-5FT         LLAXJATTU1520           L32         INDUCTOR 10µH-K-5FT         LLARKBSTU470           L631         INDUCTOR 47µH-K-5FT         LLARKBSTU470           L632         INDUCTOR 2µH-K-5FT         LLARKBSTU470           L701         INDUCTOR 2µH-K-5FT         LLARKBSTU470           L721         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKBSTU170           L723         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKBSTU170           L1241         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKBSTU170           L1243         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKBSTU170           L1244         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKBSTU170           L1245         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKBSTU170	Ref. No.	Description	Part No.
L11         INDUCTOR 22μH-K-5FT         LLARKBSTU220           L12         INDUCTOR 22μH-K-5FT         LLARKBSTU220           L13         INDUCTOR 10-M-K-5FT         LLAKBSTU220           L21         INDUCTOR 10-M-K-5FT         LLAKBSTU220           L22         INDUCTOR 150-M-K-5FT         LLAKBSTU220           L32         INDUCTOR 150-M-K-5FT         LLAKBSTU220           L32         INDUCTOR 18μ-M-SET         LLAKBSTU470           L631         INDUCTOR 47μ-K-5FT         LLARKBSTU470           L632         INDUCTOR 47μ-K-5FT         LLARKBSTU470           L631         INDUCTOR 47μ-K-5FT         LLARKBSTU470           L632         INDUCTOR C2μ-H-K-5FT         LLARKBSTU470           L791         INDUCTOR C2μ-H-K-5FT         LLARKBSTU470           L721         INDUCTOR C3-H-B LK16081R0K-T 1.0μH         LLACKBSTU170           L723         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU170           L1241         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU170           L1243         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU170           L1244         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU170           L1245         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU170           L1246	IC1211	IC RESET BU4223G-TR 5PIN	QSZBA0TRM103
L12         INDUCTOR 22µH-K-SFT         LLAXIATTURA7           L13         INDUCTOR 0.47µH-J-26T         LLAXIATTURA7           L21         INDUCTOR 100µH-K-SFT         LLAXIATTURA7           L22         INDUCTOR 150µH-J-26T         LLAXIATTUR5           L31         INDUCTOR 150µH-J-26T         LLAXIATTUR5           L32         INDUCTOR 18µH-J-26T         LLAXIATTUR5           L32         INDUCTOR 47µH-K-SFT         LLARKBSTU470           L631         INDUCTOR 47µH-K-SFT         LLARKBSTU470           L632         INDUCTOR 47µH-K-SFT         LLARKBSTU470           L701         INDUCTOR 2µH-K-SFT         LLARKBSTU470           L7261         PCB JUMPER DO6-PS.0         JW5.0T           L7271         INDUCTOR CHIP LK16081R0K-T1.0µH         LLACKBSTU170           L1240         INDUCTOR CHIP LK16081R0K-T1.0µH         LLACKBSTU170           L1241         INDUCTOR CHIP LK16081R0K-T1.0µH         LLACKBSTU170           L1243         INDUCTOR CHIP LK16081R0K-T1.0µH         LLACKBSTU170           L1244         INDUCTOR CHIP LK16081R0K-T1.0µH         LLACKBSTU170           L1245         INDUCTOR CHIP LK16081R0K-T1.0µH         LLACKBSTU170           L1246         INDUCTOR CHIP LK16081R0K-T1.0µH         LLACKBSTU170           <		COILS	
L13         INDUCTOR 10-4/μH-J-26T         LLAXJATTUR47           L21         INDUCTOR 100-μH-K-9FT         LLAXRBSTU101           L22         INDUCTOR 150-μH-J-26T         LLAXJATTU151           L31         INDUCTOR 150-μH-J-26T         LLAXJATTU180           L32         INDUCTOR 18-μH-J-26T         LLAXJATTU180           L801 Δ         LINDUCTOR 47-μH-K-9FT         LLARKBSTU470           L832         INDUCTOR 47-μH-K-9FT         LLARKBSTU470           L832         INDUCTOR 47-μH-K-9FT         LLARKBSTU470           L701         INDUCTOR 22-μH-K-9FT         LLARKBSTU420           L701         INDUCTOR C2-μH-K-9FT         LLARKBSTU470           L832         INDUCTOR C3-μH-K-9FT         LLARKBSTU470           L851         PCB JUMPER D0-6-PS.0         JW5:0T           L1243         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU1R0           L1243         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU1R0           L12445         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU1R0           L1245         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU1R0           L1246         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU1R0           L1246         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU1R0	L11	INDUCTOR 22µH-K-5FT	LLARKBSTU220
L21         INDUCTOR 100μH-K-6FT         LLAXIATTU161           L22         INDUCTOR 150μH-J-26T         LLAXIATTU161           L31         INDUCTOR 150μH-J-26T         LLAXIATTU161           L32         INDUCTOR 18μH-J-26T         LLAXIATTU160           L601         LINE FILTER 5.0MH 6Y075         LLBG002KT004           L631         INDUCTOR 47μH-K-5FT         LLARKBSTU470           L632         INDUCTOR 47μH-K-5FT         LLARKBSTU470           L791         INDUCTOR 22μH-K-5FT         LLARKBSTU470           L793         PCB JUMPER D0.6-P5.0         JW5.0T           L851         PCB JUMPER D0.6-P5.0         JW5.0T           L851         PCB JUMPER D0.6-P5.0         JW5.0T           L1249         INDUCTOR CHIP LK16081R0K-T1.0µH         LLACKB3TU1R0           L1243         INDUCTOR CHIP LK16081R0K-T1.0µH         LLACKB3TU1R0           L1245         INDUCTOR CHIP LK16081R0K-T1.0µH         LLACKB3TU1R0           L1246         INDUCTOR CHIP LK16081R0K-T1.0µH         LLACKB3TU1R0 <t< td=""><td>L12</td><td>INDUCTOR 22µH-K-5FT</td><td>LLARKBSTU220</td></t<>	L12	INDUCTOR 22µH-K-5FT	LLARKBSTU220
L22         INDUCTOR 150μH-J-26T         LLAXJATTU151           L31         INDUCTOR 12μH-K-5FT         LLARKBSTU220           L32         INDUCTOR 18μH-J-26T         LLAKRBSTU220           L32         INDUCTOR 18μH-J-26T         LLARKBSTU470           L631         INDUCTOR 47μH-K-5FT         LLARKBSTU470           L632         INDUCTOR 47μH-K-5FT         LLARKBSTU470           L701         INDUCTOR 22μH-K-5FT         LLARKBSTU470           L781         PCB JUMPER D0.6-PS.0         JWS.0T           L851         PCB JUMPER D0.6-PS.0         JWS.0T           L1239         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU1R0           L1240         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU1R0           L1243         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU1R0           L12445         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU1R0           L1245         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU1R0           L1246         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU1R0	L13	INDUCTOR 0.47µH-J-26T	LLAXJATTUR47
L31         INDUCTOR 22μH-K-SFT         LLARKBSTU220           L32         INDUCTOR 18μH-J-26T         LLAKJATTU180           L601	L21	INDUCTOR 100µH-K-5FT	LLARKBSTU101
L32         INDUCTOR 18μH-J-26T         LLAXJATTU180           L801	L22	INDUCTOR 150µH-J-26T	LLAXJATTU151
LBOT	L31	INDUCTOR 22µH-K-5FT	
L631 INDUCTOR 47μH-K-5FT LLARKBSTU470  L632 INDUCTOR 47μH-K-5FT LLARKBSTU470  L701 INDUCTOR 22μH-K-5FT LLARKBSTU420  L781 PCB JUMPER D0.6-PS.0 JW5.0T  L851 PCB JUMPER D0.6-PS.0 JW5.0T  L1239 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1240 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1241 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1243 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1244 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1245 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1246 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1247 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1248 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1249 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1240 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1241 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1242 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1243 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1246 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1247 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1248 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1249 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1240 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1246 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1247 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1248 INDUCTOR CHIP LK16081R0K-T 1.0μH LLACKBSTU1R0  L1240 TRANSISTOR 28C4081 T106 Q QQ1Q028C4120F  R632 TRANSISTOR 28C2785(F) QQ8F028C2785  Q001 TRANSISTOR 28C2785(F) QQ8F028C2785  Q003 TRANSISTOR 28C2785(F) QQ8F028C2785  Q004 TRANSISTOR 28C2785(F) QQ8F028C2785  Q005 TRANSISTOR 28C2785(F) QQ8F028C2785  Q006 TRANSISTOR 28C2785(F) QQ8F028C2785  Q007 TRANSISTOR 28C2785(F) QQ8F028C2785  Q009 TRANSISTOR 28C2785(F) QQ8F028C2785  Q009 TRANSISTOR 28C2785(F) QQ8F028C2785  Q001 TRANSISTOR 28C2785(F) QQ8F028C2785  Q002 TRANSISTOR 28C2785(F) QQ8F028C2785  Q003 TRANSISTOR 28C2785(F) QQ8F028C2	L32	· ·	
L632         INDUCTOR 47µH-K-5FT         LLARKBSTU470           L701         INDUCTOR 22µH-K-5FT         LLARKBSTU220           L781         PCB JUMPER DO.6-PS.0         JW5.0T           L851         PCB JUMPER DO.6-PS.0         JW5.0T           L1239         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKBSTU1R0           L1240         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKBSTU1R0           L1241         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKBSTU1R0           L1243         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKBSTU1R0           L12446         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKBSTU1R0           L1245         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKBSTU1R0           L1246         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKBSTU1R0           L1246         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKBSTU1R0           L1246         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKBSTU1R0           L1247         PCB JUMPER DO.6-PS.0         JW5.0T           TRANSISTOR           TRANSISTOR           TRANSISTOR SOC.0MER 2SC4881F PMER COMPANDER CO			
L701         INDUCTOR 22µH-K-SFT         LLARKBSTU220           L781         PCB JUMPER D0.6-PS.0         JW5.0T           L851         PCB JUMPER D0.6-PS.0         JW5.0T           L851         PCB JUMPER D0.6-PS.0         JW5.0T           L1239         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKB3TU1R0           L1240         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKB3TU1R0           L1243         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKB3TU1R0           L1245         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKB3TU1R0           L1246         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKB3TU1R0           L1245         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKB3TU1R0           TRANSISTORS           TRANSISTORS           TRANSISTORS           TRANSISTORS           TRANSISTORS           Q402         TRANSISTOR 2SA4175(F)         Q0S002SA950F           Q403         TRANSISTOR 2SA4175(F)         Q0SF02SA1175           Q503         TRANSISTOR 2SC4105(F)         Q0SF02SC4105           Q504         TRANSISTOR 2SC4105(F)         Q0SF02SC2785           Q505         RES. BUILTIN TRANSISTOR BA1F4M-T         Q0S02SA950F		·	
L781         PCB JUMPER D0.6-P5.0         JW5.0T           L851         PCB JUMPER D0.6-P5.0         JW5.0T           L1239         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1240         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1241         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1243         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1245         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1246         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1246         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1246         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           TRANSISTOR           TRANSISTOR           TRANSISTOR           TRANSISTOR           TRANSISTOR           QUMZZSC4881F           CQUVZSCC4881F           CQUVZSCC4881F           TRANSISTOR 2SC24881F HFE           QUSQSC22881F           CQUVZSCC4881F           CQUVZSCC4881F           QUSQSC22881F           QUSQSC22881F		'	
LB51         PCB JUMPER D0.6-P5.0         JWS.0T           L1239         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKB3TU1R0           L1240         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKB3TU1R0           L1241         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKB3TU1R0           L1243         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKB3TU1R0           L1245         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKB3TU1R0           L1246         INDUCTOR CHIP LK16081R0K-T 1.0µH         LLACKB3TU1R0           L1301         PCB JUMPER D0.6-P5.0         JW5.0T           TRANSISTORS           VB JUMPER D0.6-P5.0         JW5.0T           TRANSISTOR POWER 2SC4881F HFE         QQWZ2SC4881F           LACKB3TU1R0           LACKB3TU1R0           LACKB3TU1R0           LACKB3TU1R0           CAU3           TRANSISTOR POWER 2SC4881F HFE         QQWZ2SC4881F           CAU3           TRANSISTOR 2SC4881 T106 Q         QQ10Q02SA950F           C402         TRANSISTOR 2SC481 T106 Q         QQ10Q02SC4081           C503         TRANSISTOR 2SC2120-Y(TE2 F T)         QQSF02SC2120F           C604         TRANSIST	-	'	
L1239         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1240         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1241         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1243         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1245         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1246         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1301         PCB JUMPER D0.6-P5.0         JW5.0T           TRANSISTORS           Q401         NPN TRANSISTOR POWER 2SC4881F HFE           MAX320         AW2         TRANSISTOR 2SA950-O (TE2 F T)         QQS002SA950F           Q402         TRANSISTOR 2SA950-O (TE2 F T)         QQS002SA950F           Q403         TRANSISTOR 2SC4081 T106 Q         QQ1002SC4081           Q501         TRANSISTOR 2SA1175(F)         QQSF02SC2481T5           Q502         RES. BUILTIN TRANSISTOR BA1F4M-T         QQSC20BA1F4M           Q503         TRANSISTOR 2SC2120-Y(TE2 F T)         QQSY02SC2120F           Q504         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q507         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q507         TRANSISTOR 2SC2785(F)         QQSP02SC2785 <td></td> <td></td> <td><b>+</b></td>			<b>+</b>
L1240         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1241         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1243         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1245         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1246         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1301         PCB JUMPER DO.6-P5.0         JW5.0T           TRANSISTORS           Q401         NPN TRANSISTOR POWER 2SC4881F HFE         QQW2ZSC4881F           MAX320           Q402         TRANSISTOR 2SC4081 T106 Q         QQ1002SC4081           Q403         TRANSISTOR 2SC4081 T106 Q         QQ1002SC4081           Q504         TRANSISTOR 2SC4081 T106 Q         QQ1002SC4081           Q605         RES. BULL*IN TRANSISTOR BA1F4M-T         QQS20BA1F4M           Q650         TRANSISTOR 2SC2120-Y(TE2 F T)         QQS702SC2120F           Q505         RES. BULL*IN TRANSISTOR BA1F4M-T         QQS20BA1F4M           Q506         TRANSISTOR 2SC2785(F)         QQS702SC2785           Q601			
L1241         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1243         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1245         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1246         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1301         PCB JUMPER DO.6-P5.0         JW5.0T           TRANSISTORS           C4021         NPN TRANSISTOR POWER 2SC4881F HFE         QQWZ2SC4881F           MAX320           Q402         TRANSISTOR 2SA950-O (TE2 F T)         QQS002SA950F           Q403         TRANSISTOR 2SA9175(F)         QQS002SA950F           Q403         TRANSISTOR 2SC4181 T106 Q         QQ1Q02SC4081           Q5601         TRANSISTOR 2SC4120-Y(TE2 F T)         QQS702SC4175           Q6502         RES. BUILT-IN TRANSISTOR BA1F4M-T         QQS20BA1F4M           Q6503         TRANSISTOR 2SC2120-Y(TE2 F T)         QQS702SC4175           Q6504         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q6505         RES. BUILT-IN TRANSISTOR BA1F4M-T         QQS20SBA1F4M           Q6506         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q6507		·	
L1243         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU1R0           L1245         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU1R0           L1246         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU1R0           L1301         PCB JUMPER D0.6-P5.0         JW5.0T           TRANSISTORS           Q401         NPN TRANSISTOR POWER 2SC4881F HFE MAX.320         Q0WZ2SC4881F           Q402         TRANSISTOR 2SA950-O (TE2 F T)         QQS002SA950F           Q403         TRANSISTOR 2SA950-O (TE2 F T)         QQS002SA950F           Q404         TRANSISTOR 2SA950-O (TE2 F T)         QQSC02SA9175           Q403         TRANSISTOR 2SC4081 T106 Q         Q01Q02SC4081           Q501         TRANSISTOR 2SC4175(F)         QQSF02SA1175           Q502         RES. BUILT-IN TRANSISTOR BA1F4M-T         QQS203BA1F4M           Q504         TRANSISTOR 2SC2120-Y(TE2 F T)         QQS202BA1F4M           Q505         RES. BUILT-IN TRANSISTOR BA1F4M-T         QQS202BA1F4M           Q506         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q507         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q507         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q6034         TRANSISTOR 2SC4081 T106 Q         Q01Q02SC4081<		'	
L1245         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           L1246         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKB3TU1R0           LAGUMPER D0.6-P5.0         JW5.0T           TRANSISTORS           Q401         NPN TRANSISTOR POWER 2SC4881F HFE MAX320         QQWZ2SC4881F           Q402         TRANSISTOR 2SA950-O (TE2 F T)         QQS002SA950F           Q403         TRANSISTOR 2SC4081 T106 Q         QQ1Q02SC4081           Q501         TRANSISTOR 2SA1175(F)         QQSP02SA1175           Q502         RES. BUILT-IN TRANSISTOR BA1F4M-T         QQSY2SC2120F           Q503         TRANSISTOR 2SC2120-Y(TE2 F T)         QQSY2SC2120F           Q504         TRANSISTOR 2SC21785(F)         QQSF02SC2785           Q505         RES. BUILT-IN TRANSISTOR BA1F4M-T         QQS20BA1F4M           Q506         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q601         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q607         TRANSISTOR 2SC2785(F)         QQS02SC2120F           Q632         TRANSISTOR 2SC2120-Q(TE2 F T)         QQS02SC2120F           Q632         TRANSISTOR 2SC2186(F)         QQS10Q2SC2785           Q707         TRANSISTOR 1MZ4T108         QQ10Q2SC288           Q802<		·	
L1246         INDUCTOR CHIP LK16081R0K-T 1.0μH         LLACKBSTU1R0           L1301         PCB JUMPER D0.6-P5.0         JW5.0T           TRANSISTORS           Q401         NPN TRANSISTOR POWER 2SC4881F HFE MAX320         QQWZ2SC4881F           Q402         TRANSISTOR 2SA950-O (TE2 F T)         QQS002SA950F           Q403         TRANSISTOR 2SC4081 T106 Q         Q01Q2SC4081           Q501         TRANSISTOR 2SA1175(F)         QQSF02SA1175           Q502         RES. BUILTIN TRANSISTOR BA1F4M-T         QQS200BA1F4M           Q503         TRANSISTOR 2SC2120-Y(TE2 F T)         QQSF02SC2120F           Q504         TRANSISTOR 2SC2120-Y(TE2 F T)         QQSF02SC2120F           Q505         RES. BUILTIN TRANSISTOR BA1F4M-T         QQSC02BA1F4M           Q503         TRANSISTOR 2SC2120-Y(TE2 F T)         QQSF02SC2120F           Q504         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q507         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q601		· ·	
L1301         PCB JUMPER D0.6-P5.0         JW5.0T           TRANSISTORS           Q401         NPN TRANSISTOR POWER 2SC4881F HFE MAX320         QQWZ2SC4881F MAX320           Q402         TRANSISTOR 2SA950-O (TE2 F T)         QQS002SA950F           Q403         TRANSISTOR 2SC4081 T106 Q         Q01Q02SC4081           Q501         TRANSISTOR 2SC41175(F)         QQSF02SA1175           Q502         RES. BUILT-IN TRANSISTOR BA1F4M-T         QQS200BA1F4M           Q503         TRANSISTOR 2SC2120-Y(TE2 F T)         QQS702SC2120F           Q504         TRANSISTOR 2SC21785(F)         QQS702SC210F           Q505         RES. BUILT-IN TRANSISTOR BA1F4M-T         QQS200BA1F4M           Q506         TRANSISTOR 2SC2785(F)         QQS702SC2785           Q507         TRANSISTOR 2SC2785(F)         QQS702SC2785           Q607         TRANSISTOR 2SC2785(F)         QQS702SC2785           Q603		· · · · · · · · · · · · · · · · · · ·	
TRANSISTORS           Q401         NPN TRANSISTOR POWER 2SC4881F HFE MAX320         QQW22SC4881F           Q402         TRANSISTOR 2SA950-0 (TE2 F T)         QQS002SA950F           Q403         TRANSISTOR 2SC4081 T106 Q         QQ1Q02SC4081           Q501         TRANSISTOR 2SC41175(F)         QQS702SA1175           Q502         RES. BUILTIN TRANSISTOR BA1F4M-T         QQS200BA1F4M           Q503         TRANSISTOR 2SC2120-Y(TE2 F T)         QQSF02SA1175           Q504         TRANSISTOR 2SC2120-Y(TE2 F T)         QQSF02SA1175           Q505         RES. BUILTIN TRANSISTOR BA1F4M-T         QQS200BA1F4M           Q506         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q507         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q507         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q601 №         FET 2SK3869(Q)         QFW22SK3899Q           Q603 №         TRANSISTOR 2SC2120-Q(TE2 F T)         QQS02SC2120F           Q632         TRANSISTOR 2SC24081 T106 Q         QQ1002SC4081           Q707         TRANSISTOR 2SC4081 T106 Q         QQ1002SC4081           Q802         TRANSISTOR IMZ4T108         QQ1200001MZ4           Q1204         FET 2SK3018 T106         QF1202SK3018           R11		· ·	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	L1301		3003.01
MAX320         MAX320           Q402         TRANSISTOR 2SA950-O (TE2 F T)         QQS002SA950F           Q403         TRANSISTOR 2SC4081 T106 Q         QQ1QQ2SC4081           Q501         TRANSISTOR 2SA1175(F)         QQSF02SA1175           Q502         RES. BUILT-IN TRANSISTOR BA1F4M-T         QQSY2SC2120F           Q503         TRANSISTOR 2SC2120-Y(TE2 F T)         QQSY2SC2120F           Q504         TRANSISTOR 2SC1785(F)         QQSF02SA1175           Q505         RES. BUILT-IN TRANSISTOR BA1F4M-T         QQS702SC2785           Q506         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q507         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q507         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q601	O401	T	OOW72SC4881F
Q403         TRANSISTOR 2SC4081 T106 Q         QQ1Q02SC4081           Q501         TRANSISTOR 2SA1175(F)         QQSF02SA1175           Q502         RES. BUILTIN TRANSISTOR BA1F4M-T         QQSZ00BA1F4M           Q503         TRANSISTOR 2SC2120-Y(TE2 F T)         QQSY2SC2120F           Q504         TRANSISTOR 2SA1175(F)         QQSF02SA1175           Q505         RES. BUILTIN TRANSISTOR BA1F4M-T         QQSZ00BA1F4M           Q506         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q507         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q601		MAX320	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		` ,	<b>+</b>
Q502         RES. BUILT-IN TRANSISTOR BA1F4M-T         QQSZ00BA1F4M           Q503         TRANSISTOR 2SC2120-Y(TE2 F T)         QQSY2SC2120F           Q504         TRANSISTOR 2SA1175(F)         QQSF02SA1175           Q505         RES. BUILT-IN TRANSISTOR BA1F4M-T         QQSZ00BA1F4M           Q506         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q507         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q601			
Q503         TRANSISTOR 2SC2120-Y(TE2 F T)         QQSY2SC2120F           Q504         TRANSISTOR 2SA1175(F)         QQSF02SA1175           Q505         RES. BUILT-IN TRANSISTOR BA1F4M-T         QQSZ00BA1F4M           Q506         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q507         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q601		` '	
Q504         TRANSISTOR 2SA1175(F)         QQSF02SA1175           Q505         RES. BUILT-IN TRANSISTOR BA1F4M-T         QQSZ00BA1F4M           Q506         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q507         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q601			<b>+</b>
Q505         RES. BUILT-IN TRANSISTOR BA1F4M-T         QQSZ00BA1F4M           Q506         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q507         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q601		` '	
Q506         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q507         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q601		` '	
Q507         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q601			<b>+</b>
Q601		` '	
Q603 $\triangle$ TRANSISTOR 2SC2120-O(TE2 F T)         QQS02SC2120F           Q632         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q707         TRANSISTOR 2SC4081 T106 Q         QQ1Q02SC4081           Q708         TRANSISTOR 2SC4081 T106 Q         QQ1Q02SC4081           Q802         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q1024         TRANSISTOR IMZ4T108         QQ1Z00001MZ4           Q1204         FET 2SK3018 T106         QF1Z02SK3018           RESISTORS           R11         CHIP RES. 1/10W J 100 Ω         RRXAJR5Z0101           R12         CHIP RES. 1/10W J 100 Ω         RRXAJR5Z0101           R15         CHIP RES. 1/10W J 270k Ω         RRXAJR5Z0274           R21         CHIP RES. 1/10W J 270k Ω         RRXAJR5Z0222           R24         CHIP RES. 1/10W J 820k Ω         RRXAJR5Z0222           R24         CHIP RES. 1/10W J 820k Ω         RRXAJR5Z0824           R34         CHIP RES. 1/10W J 12k Ω         RCX4JATZ0123           R38         CHIP RES. 1/10W J 15k Ω         RCX4JAT520153           R42         CHIP RES. 1/10W J 15k Ω         RRXAJR5Z0163           R42         CHIP RES. 1/10W J 1k Ω         RRXAJR5Z0152           R48         PCB JUMPER D0.6-P5.0         JW5.0T		` '	
Q632         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q707         TRANSISTOR 2SC4081 T106 Q         QQ1Q02SC4081           Q708         TRANSISTOR 2SC4081 T106 Q         QQ1Q02SC4081           Q802         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q1024         TRANSISTOR IMZ4T108         QQ1Z00001MZ4           Q1204         FET 2SK3018 T106         QF1Z02SK3018           RESISTORS           R11         CHIP RES. 1/10W J 100 Ω         RRXAJR5Z0101           R12         CHIP RES. 1/10W J 100 Ω         RRXAJR5Z0101           R15         CHIP RES. 1/10W J 270k Ω         RRXAJR5Z0274           R21         CHIP RES. 1/10W J 270k Ω         RRXAJR5Z0222           R24         CHIP RES. 1/10W J 820k Ω         RRXAJR5Z0222           R24         CHIP RES. 1/10W J 820k Ω         RRXAJR5Z0824           R34         CHIP RES. 1/10W J 12k Ω         RCX4JATZ0123           R38         CHIP RES. 1/10W J 100 Ω         RRXAJR5Z0101           R40         CHIP RES. 1/10W J 15k Ω         RRXAJR5Z0102           R42         CHIP RES. 1/10W J 15k Ω         RRXAJR5Z0102           R48         PCB JUMPER D0.6-P5.0         JW5.0T           R40         CHIP RES. 1/10W J 1.5k Ω         RRXAJR5Z0152		, ,	
		` '	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Q708		QQ1Q02SC4081
Q1024         TRANSISTOR IMZ4T108         QQ1Z00001MZ4           Q1204         FET 2SK3018 T106         QF1Z02SK3018           RESISTORS           R11         CHIP RES. 1/10W J 100 Ω         RRXAJR5Z0101           R12         CHIP RES. 1/10W J 100 Ω         RRXAJR5Z0101           R15         CHIP RES. 1/10W J 4.7k Ω         RRXAJR5Z0472           R21         CHIP RES. 1/10W J 270k Ω         RRXAJR5Z0274           R23         CHIP RES. 1/10W J 22k Ω         RRXAJR5Z0222           R24         CHIP RES. 1/10W J 820k Ω         RRXAJR5Z0222           R24         CHIP RES. 1/10W J 820k Ω         RRXAJR5Z0824           R34         CHIP RES. 1/10W J 12k Ω         RCX4JATZ0123           R36         CARBON RES. 1/4W J 12k Ω         RCX4JATZ0123           R38         CHIP RES. 1/10W J 15k Ω         RRXAJR5Z0101           R40         CHIP RES. 1/10W J 220 Ω         RRXAJR5Z0153           R42         CHIP RES. 1/10W J 1k Ω         RRXAJR5Z0102           R48         PCB JUMPER D0.6-P5.0         JW5.0T           R40         CHIP RES. 1/10W J 1.5k Ω         RRXAJR5Z0152           R402         CARBON RES. 1/4W J 27k Ω         RCX4JATZ0273           R403         CARBON RES. 1/4W J 33 Ω         RCX4JATZ0330	Q802	TRANSISTOR 2SC2785(F)	QQSF02SC2785
RESISTORS           R11         CHIP RES. 1/10W J 100 $\Omega$ RRXAJR5Z0101           R12         CHIP RES. 1/10W J 100 $\Omega$ RRXAJR5Z0101           R15         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R21         CHIP RES. 1/10W J 270k $\Omega$ RRXAJR5Z02274           R23         CHIP RES. 1/10W J 2.2k $\Omega$ RRXAJR5Z0222           R24         CHIP RES. 1/10W J 820k $\Omega$ RRXAJR5Z0824           R34         CHIP RES. (1608) 1/10W 0 $\Omega$ RRXAJR5Z0000           R36         CARBON RES. 1/4W J 12k $\Omega$ RCX4JATZ0123           R38         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0101           R40         CHIP RES. 1/10W J 15k $\Omega$ RRXAJR5Z0153           R42         CHIP RES. 1/10W J 220 $\Omega$ RRXAJR5Z0102           R46         CHIP RES. 1/10W J 1.5k $\Omega$ RRXAJR5Z0102           R48         PCB JUMPER D0.6-P5.0         JW5.0T           R401         CHIP RES. 1/10W J 1.5k $\Omega$ RRXAJR5Z0152           R402         CARBON RES. 1/4W J 27k $\Omega$ RCX4JATZ0273           R403         CARBON RES. 1/4W J 33 $\Omega$ RCX4JATZ0330           R404         CARBON RES. 1/4W J 5.6k $\Omega$ RCX4JATZ0562           R406         CHIP RES. 1/1			1
R11         CHIP RES. 1/10W J 100 $\Omega$ RRXAJR5Z0101           R12         CHIP RES. 1/10W J 100 $\Omega$ RRXAJR5Z0101           R15         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R21         CHIP RES. 1/10W J 270k $\Omega$ RRXAJR5Z0274           R23         CHIP RES. 1/10W J 2.2k $\Omega$ RRXAJR5Z0222           R24         CHIP RES. 1/10W J 820k $\Omega$ RRXAJR5Z0824           R34         CHIP RES. (1608) 1/10W 0 $\Omega$ RRXAJR5Z0000           R36         CARBON RES. 1/4W J 12k $\Omega$ RCX4JATZ0123           R38         CHIP RES. 1/10W J 100 $\Omega$ RRXAJR5Z0101           R40         CHIP RES. 1/10W J 15k $\Omega$ RRXAJR5Z0153           R42         CHIP RES. 1/10W J 220 $\Omega$ RRXAJR5Z0102           R46         CHIP RES. 1/10W J 1k $\Omega$ RRXAJR5Z0102           R48         PCB JUMPER D0.6-P5.0         JW5.0T           R401         CHIP RES. 1/10W J 1.5k $\Omega$ RRXAJR5Z0152           R402         CARBON RES. 1/4W J 27k $\Omega$ RCX4JATZ0273           R403         CARBON RES. 1/4W J 33 $\Omega$ RCX4JATZ0330           R404         CARBON RES. 1/4W J 5.6k $\Omega$ RCX4JATZ0562           R406         CHIP RES. 1/10W J 3.3k $\Omega$ RRXAJR5Z0103 </td <td>Q1204</td> <td>FET 2SK3018 T106</td> <td>QF1Z02SK3018</td>	Q1204	FET 2SK3018 T106	QF1Z02SK3018
R12         CHIP RES. 1/10W J 100 $\Omega$ RRXAJR5Z0101           R15         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R21         CHIP RES. 1/10W J 270k $\Omega$ RRXAJR5Z0274           R23         CHIP RES. 1/10W J 2.2k $\Omega$ RRXAJR5Z0222           R24         CHIP RES. 1/10W J 820k $\Omega$ RRXAJR5Z0824           R34         CHIP RES. (1608) 1/10W 0 $\Omega$ RRXAJR5Z0000           R36         CARBON RES. 1/4W J 12k $\Omega$ RCX4JATZ0123           R38         CHIP RES. 1/10W J 100 $\Omega$ RRXAJR5Z0101           R40         CHIP RES. 1/10W J 15k $\Omega$ RRXAJR5Z0153           R42         CHIP RES. 1/10W J 220 $\Omega$ RRXAJR5Z0102           R46         CHIP RES. 1/10W J 1k $\Omega$ RRXAJR5Z0102           R48         PCB JUMPER D0.6-P5.0         JW5.0T           R401         CHIP RES. 1/10W J 1.5k $\Omega$ RRXAJR5Z0152           R402         CARBON RES. 1/4W J 27k $\Omega$ RCX4JATZ0273           R403         CARBON RES. 1/4W J 33 $\Omega$ RCX4JATZ0330           R404         CARBON RES. 1/10W J 3.3k $\Omega$ RRXAJR5Z0332           R406         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103		RESISTORS	- L
R12         CHIP RES. 1/10W J 100 $\Omega$ RRXAJR5Z0101           R15         CHIP RES. 1/10W J 270k $\Omega$ RRXAJR5Z0472           R21         CHIP RES. 1/10W J 270k $\Omega$ RRXAJR5Z0274           R23         CHIP RES. 1/10W J 2.2k $\Omega$ RRXAJR5Z0222           R24         CHIP RES. 1/10W J 820k $\Omega$ RRXAJR5Z0824           R34         CHIP RES. (1608) 1/10W 0 $\Omega$ RRXAJR5Z0000           R36         CARBON RES. 1/4W J 12k $\Omega$ RCX4JATZ0123           R38         CHIP RES. 1/10W J 100 $\Omega$ RRXAJR5Z0101           R40         CHIP RES. 1/10W J 15k $\Omega$ RRXAJR5Z0153           R42         CHIP RES. 1/10W J 220 $\Omega$ RRXAJR5Z0102           R46         CHIP RES. 1/10W J 1k $\Omega$ RRXAJR5Z0102           R48         PCB JUMPER D0.6-P5.0         JW5.0T           R401         CHIP RES. 1/10W J 1.5k $\Omega$ RRXAJR5Z0152           R402         CARBON RES. 1/4W J 27k $\Omega$ RCX4JATZ0273           R403         CARBON RES. 1/4W J 33 $\Omega$ RCX4JATZ0330           R404         CARBON RES. 1/10W J 3.3k $\Omega$ RRXAJR5Z0332           R406         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103	R11		RRXAJR5Z0101
R21         CHIP RES. 1/10W J 270k $\Omega$ RRXAJR5Z0274           R23         CHIP RES. 1/10W J 2.2k $\Omega$ RRXAJR5Z0222           R24         CHIP RES. 1/10W J 820k $\Omega$ RRXAJR5Z0824           R34         CHIP RES. (1608) 1/10W 0 $\Omega$ RRXAJR5Z0000           R36         CARBON RES. 1/4W J 12k $\Omega$ RCX4JATZ0123           R38         CHIP RES. 1/10W J 100 $\Omega$ RRXAJR5Z0101           R40         CHIP RES. 1/10W J 15k $\Omega$ RRXAJR5Z0153           R42         CHIP RES. 1/10W J 220 $\Omega$ RRXAJR5Z0221           R46         CHIP RES. 1/10W J 1k $\Omega$ RRXAJR5Z0102           R48         PCB JUMPER D0.6-P5.0         JW5.0T           R401         CHIP RES. 1/10W J 1.5k $\Omega$ RRXAJR5Z0152           R402         CARBON RES. 1/4W J 27k $\Omega$ RCX4JATZ0273           R403         CARBON RES. 1/4W J 33 $\Omega$ RCX4JATZ0330           R404         CARBON RES. 1/4W J 5.6k $\Omega$ RCX4JATZ0562           R406         CHIP RES. 1/10W J 3.3k $\Omega$ RRXAJR5Z0103           R407         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103	R12	CHIP RES. 1/10W J 100 Ω	1
R23         CHIP RES. 1/10W J $2.2k$ Ω         RRXAJR5Z0222           R24         CHIP RES. 1/10W J $820k$ Ω         RRXAJR5Z0824           R34         CHIP RES. (1608) 1/10W 0 Ω         RRXAZR5Z0000           R36         CARBON RES. 1/4W J $12k$ Ω         RCX4JATZ0123           R38         CHIP RES. 1/10W J $100$ Ω         RRXAJR5Z0101           R40         CHIP RES. 1/10W J $15k$ Ω         RRXAJR5Z0153           R42         CHIP RES. 1/10W J $220$ Ω         RRXAJR5Z0221           R46         CHIP RES. 1/10W J $1k$ Ω         RRXAJR5Z0102           R48         PCB JUMPER D0.6-P5.0         JW5.0T           R401         CHIP RES. 1/10W J $1.5k$ Ω         RRXAJR5Z0152           R402         CARBON RES. $1/4W$ J $27k$ Ω         RCX4JATZ0273           R403         CARBON RES. $1/4W$ J $33$ Ω         RCX4JATZ0330           R404         CARBON RES. $1/4W$ J $3.3k$ Ω         RCX4JATZ0562           R406         CHIP RES. $1/10W$ J $3.3k$ Ω         RRXAJR5Z0103           R407         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103	R15	CHIP RES. 1/10W J 4.7k Ω	RRXAJR5Z0472
R24         CHIP RES. 1/10W J 820k $\Omega$ RRXAJR5Z0824           R34         CHIP RES.(1608) 1/10W 0 $\Omega$ RRXAZR5Z0000           R36         CARBON RES. 1/4W J 12k $\Omega$ RCX4JATZ0123           R38         CHIP RES. 1/10W J 100 $\Omega$ RRXAJR5Z0101           R40         CHIP RES. 1/10W J 15k $\Omega$ RRXAJR5Z0153           R42         CHIP RES. 1/10W J 220 $\Omega$ RRXAJR5Z0221           R46         CHIP RES. 1/10W J 1k $\Omega$ RRXAJR5Z0102           R48         PCB JUMPER D0.6-P5.0         JW5.0T           R401         CHIP RES. 1/10W J 1.5k $\Omega$ RRXAJR5Z0152           R402         CARBON RES. 1/4W J 27k $\Omega$ RCX4JATZ0273           R403         CARBON RES. 1/4W J 33 $\Omega$ RCX4JATZ0330           R404         CARBON RES. 1/4W J 5.6k $\Omega$ RCX4JATZ0562           R406         CHIP RES. 1/10W J 3.3k $\Omega$ RRXAJR5Z0103           R407         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103	R21	CHIP RES. 1/10W J 270k Ω	RRXAJR5Z0274
R34         CHIP RES.(1608) 1/10W 0 $\Omega$ RRXAZR5Z0000           R36         CARBON RES. 1/4W J 12k $\Omega$ RCX4JATZ0123           R38         CHIP RES. 1/10W J 100 $\Omega$ RRXAJR5Z0101           R40         CHIP RES. 1/10W J 15k $\Omega$ RRXAJR5Z0153           R42         CHIP RES. 1/10W J 220 $\Omega$ RRXAJR5Z0221           R46         CHIP RES. 1/10W J 1k $\Omega$ RRXAJR5Z0102           R48         PCB JUMPER D0.6-P5.0         JW5.0T           R401         CHIP RES. 1/10W J 1.5k $\Omega$ RRXAJR5Z0152           R402         CARBON RES. 1/4W J 27k $\Omega$ RCX4JATZ0273           R403         CARBON RES. 1/4W J 33 $\Omega$ RCX4JATZ0330           R404         CARBON RES. 1/10W J 3.3k $\Omega$ RCX4JATZ0562           R406         CHIP RES. 1/10W J 3.3k $\Omega$ RRXAJR5Z0103           R407         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103	R23	CHIP RES. 1/10W J 2.2k Ω	RRXAJR5Z0222
R36         CARBON RES. $1/4$ W J $12$ k $Ω$ RCX4JATZ0123           R38         CHIP RES. $1/10$ W J $100$ $Ω$ RRXAJR5Z0101           R40         CHIP RES. $1/10$ W J $15$ k $Ω$ RRXAJR5Z0153           R42         CHIP RES. $1/10$ W J $15$ k $Ω$ RRXAJR5Z01221           R46         CHIP RES. $1/10$ W J $1$ k $Ω$ RRXAJR5Z0102           R48         PCB JUMPER D0.6-P5.0         JW5.0T           R401         CHIP RES. $1/10$ W J $1.5$ k $Ω$ RRXAJR5Z0152           R402         CARBON RES. $1/4$ W J $27$ k $Ω$ RCX4JATZ0273           R403         CARBON RES. $1/4$ W J $33$ $Ω$ RCX4JATZ0330           R404         CARBON RES. $1/4$ W J $3.3$ k $Ω$ RCX4JATZ0562           R406         CHIP RES. $1/10$ W J $3.3$ k $Ω$ RRXAJR5Z0332           R407         CHIP RES. $1/10$ W J $10$ k $Ω$ RRXAJR5Z0103	R24	CHIP RES. 1/10W J 820k Ω	RRXAJR5Z0824
R38         CHIP RES. 1/10W J 100 $\Omega$ RRXAJR5Z0101           R40         CHIP RES. 1/10W J 15k $\Omega$ RRXAJR5Z0153           R42         CHIP RES. 1/10W J 220 $\Omega$ RRXAJR5Z0102           R46         CHIP RES. 1/10W J 1k $\Omega$ RRXAJR5Z0102           R48         PCB JUMPER D0.6-P5.0         JW5.0T           R401         CHIP RES. 1/10W J 1.5k $\Omega$ RRXAJR5Z0152           R402         CARBON RES. 1/4W J 27k $\Omega$ RCX4JATZ0273           R403         CARBON RES. 1/4W J 33 $\Omega$ RCX4JATZ0330           R404         CARBON RES. 1/4W J 5.6k $\Omega$ RCX4JATZ0562           R406         CHIP RES. 1/10W J 3.3k $\Omega$ RRXAJR5Z0332           R407         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103	R34	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R40         CHIP RES. 1/10W J 15k $Ω$ RRXAJR5Z0153           R42         CHIP RES. 1/10W J 220 $Ω$ RRXAJR5Z0221           R46         CHIP RES. 1/10W J 1k $Ω$ RRXAJR5Z0102           R48         PCB JUMPER D0.6-P5.0         JW5.0T           R401         CHIP RES. 1/10W J 1.5k $Ω$ RRXAJR5Z0152           R402         CARBON RES. 1/4W J 27k $Ω$ RCX4JATZ0273           R403         CARBON RES. 1/4W J 33 $Ω$ RCX4JATZ0330           R404         CARBON RES. 1/4W J 5.6k $Ω$ RCX4JATZ0562           R406         CHIP RES. 1/10W J 3.3k $Ω$ RRXAJR5Z0332           R407         CHIP RES. 1/10W J 10k $Ω$ RRXAJR5Z0103	R36	CARBON RES. 1/4W J 12k Ω	RCX4JATZ0123
R42         CHIP RES. 1/10W J 220 $\Omega$ RRXAJR5Z0221           R46         CHIP RES. 1/10W J 1k $\Omega$ RRXAJR5Z0102           R48         PCB JUMPER D0.6-P5.0         JW5.0T           R401         CHIP RES. 1/10W J 1.5k $\Omega$ RRXAJR5Z0152           R402         CARBON RES. 1/4W J 27k $\Omega$ RCX4JATZ0273           R403         CARBON RES. 1/4W J 33 $\Omega$ RCX4JATZ0330           R404         CARBON RES. 1/4W J 5.6k $\Omega$ RCX4JATZ0562           R406         CHIP RES. 1/10W J 3.3k $\Omega$ RRXAJR5Z0332           R407         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103	R38	CHIP RES. 1/10W J 100 $\Omega$	RRXAJR5Z0101
R46         CHIP RES. 1/10W J 1k $\Omega$ RRXAJR5Z0102           R48         PCB JUMPER D0.6-P5.0         JW5.0T           R401         CHIP RES. 1/10W J 1.5k $\Omega$ RRXAJR5Z0152           R402         CARBON RES. 1/4W J 27k $\Omega$ RCX4JATZ0273           R403         CARBON RES. 1/4W J 33 $\Omega$ RCX4JATZ0330           R404         CARBON RES. 1/4W J 5.6k $\Omega$ RCX4JATZ0562           R406         CHIP RES. 1/10W J 3.3k $\Omega$ RRXAJR5Z0332           R407         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103	R40	CHIP RES. 1/10W J 15k $\Omega$	RRXAJR5Z0153
R48         PCB JUMPER D0.6-P5.0         JW5.0T           R401         CHIP RES. 1/10W J 1.5k Ω         RRXAJR5Z0152           R402         CARBON RES. 1/4W J 27k Ω         RCX4JATZ0273           R403         CARBON RES. 1/4W J 33 Ω         RCX4JATZ0330           R404         CARBON RES. 1/4W J 5.6k Ω         RCX4JATZ0562           R406         CHIP RES. 1/10W J 3.3k Ω         RRXAJR5Z0332           R407         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103	R42	CHIP RES. 1/10W J 220 $\Omega$	RRXAJR5Z0221
R401         CHIP RES. 1/10W J 1.5k $Ω$ RRXAJR5Z0152           R402         CARBON RES. 1/4W J 27k $Ω$ RCX4JATZ0273           R403         CARBON RES. 1/4W J 33 $Ω$ RCX4JATZ0330           R404         CARBON RES. 1/4W J 5.6k $Ω$ RCX4JATZ0562           R406         CHIP RES. 1/10W J 3.3k $Ω$ RRXAJR5Z0332           R407         CHIP RES. 1/10W J 10k $Ω$ RRXAJR5Z0103	R46	CHIP RES. 1/10W J 1k Ω	RRXAJR5Z0102
R402         CARBON RES. 1/4W J 27k Ω         RCX4JATZ0273           R403         CARBON RES. 1/4W J 33 Ω         RCX4JATZ0330           R404         CARBON RES. 1/4W J 5.6k Ω         RCX4JATZ0562           R406         CHIP RES. 1/10W J 3.3k Ω         RRX4JR5Z0332           R407         CHIP RES. 1/10W J 10k Ω         RRX4JR5Z0103			
R403CARBON RES. 1/4W J 33 $\Omega$ RCX4JATZ0330R404CARBON RES. 1/4W J 5.6k $\Omega$ RCX4JATZ0562R406CHIP RES. 1/10W J 3.3k $\Omega$ RRXAJR5Z0332R407CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103	R401		RRXAJR5Z0152
R404CARBON RES. 1/4W J 5.6k $\Omega$ RCX4JATZ0562R406CHIP RES. 1/10W J 3.3k $\Omega$ RRXAJR5Z0332R407CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103			<b>+</b>
R406         CHIP RES. 1/10W J 3.3k Ω         RRXAJR5Z0332           R407         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103			<b>+</b>
R407 CHIP RES. 1/10W J 10k Ω RRXAJR5Z0103	_		1
			<b>+</b>
H4U8   CAHBUN HES. 1/4W J 820 Ω   RCX4JATZ0821			<b>+</b>
	H408	CARBON RES. 1/4W J 820 Ω	HCX4JATZ0821

Ref. No.	Description	Part No.
R414	CARBON RES. 1/4W J 680 $\Omega$	RCX4JATZ0681
R415	CARBON RES. 1/4W J 33 $\Omega$	RCX4JATZ0330
R416	CARBON RES. 1/4W J 33 Ω	RCX4JATZ0330
R417	CARBON RES. 1/4W J 33 Ω	RCX4JATZ0330
R419	CARBON RES. 1/4W J 33 Ω	RCX4JATZ0330
R502	CHIP RES. 1/10W J 3.3k Ω	RRXAJR5Z0332
R503	CARBON RES. 1/4W J 27k Ω	RCX4JATZ0273
R504	CARBON RES. 1/4W J 1.5k Ω	RCX4JATZ0152
R505	CHIP RES. 1/10W J 22k Ω	RRXAJR5Z0223
R507	PCB JUMPER D0.6-P5.0	JW5.0T
R509	CARBON RES. 1/4W J 100 Ω	RCX4JATZ0101
R510 R511	CARBON RES. 1/4W J 4.7k Ω CHIP RES. 1/10W J 1.5k Ω	RCX4JATZ0472 RRXAJR5Z0152
R512	CHIP RES. 1/10W J 1.3KΩ	RRXAJR5Z0332
R513	CHIP RES. 1/10W J 27k Ω	RRXAJR5Z032
R514	CHIP RES. 1/10W 5 27K32	RRXAFR5H1002
R515	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R516	CHIP RES. 1/10W F 3k Ω	RRXAFR5H3001
R517	CARBON RES. 1/4W J 10k Ω	RCX4JATZ0103
R518	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R519	CARBON RES. 1/4W J 150 Ω	RCX4JATZ0151
R520	CHIP RES. 1/10W J 56k Ω	RRXAJR5Z0563
R521	CHIP RES. 1/10W J 47k Ω	RRXAJR5Z0473
R526	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R529	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R533	CHIP RES. 1/10W J 3.3k Ω	RRXAJR5Z0332
R601 <b>▲</b>	CEMENT RES. 3W K 1.2 Ω	RW031R2PG007
R603	CARBON RES. 1/4W J 390k Ω	RCX4JATZ0394
R604	CARBON RES. 1/4W J 390k Ω	RCX4JATZ0394
R605	CARBON RES. 1/4W J 390k Ω	RCX4JATZ0394
R607	CARBON RES. 1/4W J 220 Ω	RCX4JATZ0221
R608	CARBON RES. 1/4W J 220 $\Omega$	RCX4JATZ0221
R609	CARBON RES. 1/4W J 390k Ω	DCV4 IAT70004
. 1000	O/11 IDOI 11 1 ILO: 1/444 0 000 K 12	RCX4JATZ0394
	CARBON RES. 1/4W J 68 Ω	RCX4JATZ0680
R610		
R610	CARBON RES. 1/4W J 68 Ω	RCX4JATZ0680
R610 R613	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$	RCX4JATZ0680 RN02R47ZU001
R610 R613 🛦 R620 R621 R623	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0222
R610 R613 🛦 R620 R621 R623 R631	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0222 RCX4JATZ0123
R610 R613 A R620 R621 R623 R631 R632 A	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CHIP RES. 1/10W J 22k $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0122 RCX4JATZ0123 RRXAJR5Z0223
R610 R613  R620 R621 R623 R631 R632  R633	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CHIP RES. 1/10W J 22k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0222 RCX4JATZ0123 RRXAJR5Z0223 RCX4JATZ0123
R610 R613  R620 R621 R623 R631 R632  R633 R635	CARBON RES. 1/4W J $68~\Omega$ METAL OXIDE FILM RES. $2W$ J $0.47~\Omega$ CARBON RES. $1/4W$ J $150~\Omega$ CARBON RES. $1/4W$ J $1.2k~\Omega$ CHIP RES. $1/10W$ J $1.2k~\Omega$ CARBON RES. $1/4W$ J $1.2k~\Omega$ CARBON RES. $1/4W$ J $1.2k~\Omega$ CARBON RES. $1/4W$ J $1.2k~\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0222 RCX4JATZ0123 RRXAJR5Z0223 RCX4JATZ0123 RCX4JATZ0123
R610 R613  R620 R621 R623 R631 R632  R633 R633 R635 R636	CARBON RES. 1/4W J $68~\Omega$ METAL OXIDE FILM RES. $2W$ J $0.47~\Omega$ CARBON RES. $1/4W$ J $150~\Omega$ CARBON RES. $1/4W$ J $1.2k~\Omega$ CHIP RES. $1/10W$ J $1.2k~\Omega$ CARBON RES. $1/4W$ J $1.2k~\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0122 RCX4JATZ0123 RRXAJR5Z0223 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0682 RCX4JATZ0223
R610 R613  R620 R621 R623 R631 R632  R633 R633 R636 R636	CARBON RES. 1/4W J $68~\Omega$ METAL OXIDE FILM RES. $2W$ J $0.47~\Omega$ CARBON RES. $1/4W$ J $150~\Omega$ CARBON RES. $1/4W$ J $1.2k~\Omega$ CHIP RES. $1/10W$ J $1.2k~\Omega$ CARBON RES. $1/4W$ J $1.2k~\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0122 RCX4JATZ0123 RRXAJR5Z0223 RCX4JATZ0123 RCX4JATZ0682 RCX4JATZ0223 RCX4JATZ0223 RCX4JATZ0223
R610 R613  R620 R621 R623 R631 R632  R633 R635 R636 R638 R639	CARBON RES. $1/4W \ J \ 68 \ \Omega$ METAL OXIDE FILM RES. $2W \ J \ 0.47 \ \Omega$ CARBON RES. $1/4W \ J \ 150 \ \Omega$ CARBON RES. $1/4W \ J \ 1.2k \ \Omega$ CARBON RES. $1/4W \ J \ 1.2k \ \Omega$ CARBON RES. $1/4W \ J \ 1.2k \ \Omega$ CHIP RES. $1/10W \ J \ 2.2k \ \Omega$ CARBON RES. $1/4W \ J \ 1.2k \ \Omega$ CARBON RES. $1/4W \ J \ 1.2k \ \Omega$ CARBON RES. $1/4W \ J \ 1.2k \ \Omega$ CARBON RES. $1/4W \ J \ 1.2k \ \Omega$ CARBON RES. $1/4W \ J \ 1.2k \ \Omega$ CARBON RES. $1/4W \ J \ 1.2k \ \Omega$ CARBON RES. $1/4W \ J \ 1.2k \ \Omega$ CARBON RES. $1/4W \ J \ 1.2k \ \Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0122 RCX4JATZ0123 RRXAJR5Z0223 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0223 RCX4JATZ0222 RCX4JATZ0222 RCX4JATZ02223 RCX4JATZ02222
R610 R613  R620 R621 R623 R631 R632  R633 R635 R636 R636 R638 R639 R640	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CHIP RES. 1/10W J 22k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$ CHIP RES. 1/10W F 1.1k $\Omega$ CHIP RES. 1/10W F 1.1k $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0122 RCX4JATZ0123 RRXAJR5Z0223 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0222 RCX4JATZ0222 RCX4JATZ0222 RCX4JATZ02P2 RRXAFR5H1101 RRXAFR5H1801
R610 R613  R620 R621 R623 R631 R632  R633 R635 R636 R638 R639 R640 R641	CARBON RES. $1/4W \ J \ 68 \ \Omega$ METAL OXIDE FILM RES. $2W \ J \ 0.47 \ \Omega$ CARBON RES. $1/4W \ J \ 150 \ \Omega$ CARBON RES. $1/4W \ J \ 1.2k \ \Omega$ CARBON RES. $1/4W \ J \ 1.2k \ \Omega$ CARBON RES. $1/4W \ J \ 1.2k \ \Omega$ CHIP RES. $1/10W \ J \ 2.2k \ \Omega$ CARBON RES. $1/4W \ J \ 12k \ \Omega$ CARBON RES. $1/4W \ J \ 12k \ \Omega$ CARBON RES. $1/4W \ J \ 12k \ \Omega$ CARBON RES. $1/4W \ J \ 12k \ \Omega$ CARBON RES. $1/4W \ J \ 12k \ \Omega$ CARBON RES. $1/4W \ J \ 12k \ \Omega$ CARBON RES. $1/4W \ J \ 12k \ \Omega$ CHIP RES. $1/10W \ F \ 1.1k \ \Omega$ CHIP RES. $1/10W \ F \ 1.1k \ \Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0122 RCX4JATZ0123 RRXAJR5Z0223 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0222 RCX4JATZ0222 RCX4JATZ0282 RCX4JATZ02R2 RRXAFRSH1101 RRXAFRSH1101 RRXAFRSH9100
R610 R613  R620 R621 R623 R631 R632  R633 R635 R636 R638 R639 R640 R641 R642	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CHIP RES. 1/10W J 22k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CHIP RES. 1/10W F 1.1k $\Omega$ CHIP RES. 1/10W F 1.8k $\Omega$ CHIP RES. 1/10W F 910 $\Omega$ CHIP RES. 1/10W F 180 $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0152 RCX4JATZ0122 RCX4JATZ0123 RRXAJR5Z0223 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0223 RCX4JATZ0223 RCX4JATZ0222 RCX4JATZ02P2 RRXAFR5H1101 RRXAFR5H1801 RRXAFR5H1800
R610 R613  R620 R621 R623 R631 R632  R633 R635 R636 R638 R639 R640 R641 R642 R645	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CHIP RES. 1/10W J 22k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/10W F 1.1k $\Omega$ CHIP RES. 1/10W F 1.8k $\Omega$ CHIP RES. 1/10W F 910 $\Omega$ CHIP RES. 1/10W F 180 $\Omega$ CHIP RES. 1/10W F 180 $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0152 RCX4JATZ0122 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0223 RCX4JATZ0223 RCX4JATZ0282 RCX4JATZ02R2 RRXAFR5H1101 RRXAFR5H1801 RRXAFR5H1800 RRXAFR5H1800
R610 R613  R620 R621 R623 R631 R632  R631 R633 R635 R636 R638 R639 R640 R641 R642 R645 R646	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CHIP RES. 1/10W J 22k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CHIP RES. 1/10W F 1.1k $\Omega$ CHIP RES. 1/10W F 1.8k $\Omega$ CHIP RES. 1/10W F 180 $\Omega$ CHIP RES. 1/10W F 180 $\Omega$ CHIP RES. 1/10W F 2.2k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0122 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0223 RCX4JATZ0682 RCX4JATZ0282 RCX4JATZ02P2 RRXAFR5H1101 RRXAFR5H1801 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H2201 RCX4JATZ0122
R610 R613  R620 R621 R623 R621 R623 R631 R632  R633 R635 R636 R638 R639 R640 R641 R642 R645 R646 R647  R647	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CHIP RES. 1/10W J 22k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CHIP RES. 1/10W F 1.1k $\Omega$ CHIP RES. 1/10W F 1.8k $\Omega$ CHIP RES. 1/10W F 180 $\Omega$ CHIP RES. 1/10W F 1.80 $\Omega$ CHIP RES. 1/10W F 1.80 $\Omega$ CHIP RES. 1/10W F 1.84 $\Omega$ CHIP RES. 1/10W F 1.84 $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0122 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0223 RCX4JATZ0223 RCX4JATZ0282 RCX4JATZ0282 RRXAFR5H1101 RRXAFR5H1801 RRXAFR5H1800 RRXAFR5H2201 RCX4JATZ0122 RRXAFR5H2201 RCX4JATZ0122
R610 R613  R613  R620 R621 R623 R631 R632  R633 R635 R636 R638 R639 R640 R641 R642 R645 R646 R647  R648	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CHIP RES. 1/10W J 22k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 2.2 $\Omega$ CHIP RES. 1/10W F 1.1k $\Omega$ CHIP RES. 1/10W F 1.8k $\Omega$ CHIP RES. 1/10W F 180 $\Omega$ CHIP RES. 1/10W F 2.2k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CHIP RES. 1/10W F 3.9k $\Omega$ CHIP RES. 1/10W F 3.9k $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0122 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0223 RCX4JATZ0282 RCX4JATZ0282 RRXAFR5H1101 RRXAFR5H1801 RRXAFR5H1800 RRXAFR5H201 RCX4JATZ0122 RRXAFR5H3901 RRXAFR5H3901
R610 R613  R613  R620 R621 R623 R631 R632  R633 R635 R636 R638 R639 R640 R641 R642 R644 R648  R646 R647  R648	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CHIP RES. 1/10W J 22k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 2.2 $\Omega$ CHIP RES. 1/10W F 1.1k $\Omega$ CHIP RES. 1/10W F 1.8k $\Omega$ CHIP RES. 1/10W F 180 $\Omega$ CHIP RES. 1/10W F 2.2k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CHIP RES. 1/10W F 3.9k $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0122 RCX4JATZ0123 RRXAJR5Z0223 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RRXAFR5H1101 RRXAFR5H1801 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H1801 RCX4JATZ0122 RRXAFR5H3901 RCX4JATZ0122 RRXAFR5H3901 RRXAFR5H3901 RRXAFR5H3901
R610 R613  R613  R620 R621 R623 R631 R632  R633 R635 R636 R638 R639 R640 R641 R642 R645 R648  R649	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CHIP RES. 1/10W J 22k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22 $\Omega$ CHIP RES. 1/10W F 1.1k $\Omega$ CHIP RES. 1/10W F 1.8k $\Omega$ CHIP RES. 1/10W F 180 $\Omega$ CHIP RES. 1/10W F 22k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CHIP RES. 1/10W F 3.9k $\Omega$ CHIP RES. 1/10W F 4.7k $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0122 RCX4JATZ0123 RRXAJR5Z0223 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ02R2 RRXAFR5H1101 RRXAFR5H1801 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H1801 RCX4JATZ0122 RRXAFR5H3901 RCX4JATZ0122 RRXAFR5H3901 RRXAFR5H3901 RRXAFR5H3901 RRXAFR5H0472 RRXAFR5H0472
R610 R613  R613  R620 R621 R623 R631 R632  R633 R635 R636 R638 R639 R640 R641 R642 R645 R646 R647  R646 R647  R648  R649  R650  R650  R650	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CHIP RES. 1/10W J 22k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 2.2 $\Omega$ CHIP RES. 1/10W F 1.1k $\Omega$ CHIP RES. 1/10W F 1.8k $\Omega$ CHIP RES. 1/10W F 180 $\Omega$ CHIP RES. 1/10W F 2.2k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CHIP RES. 1/10W F 3.9k $\Omega$ CHIP RES. 1/10W F 3.9k $\Omega$ CHIP RES. 1/10W F 3.9k $\Omega$ CHIP RES. 1/10W F 4.7k $\Omega$ CHIP RES. (1608) 1/10W F 4.7k $\Omega$ CHIP RES. (1608) 1/10W F 4.7k $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0122 RCX4JATZ0123 RRXAJR5Z0223 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RRXAFR5H1101 RRXAFR5H1801 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H2201 RCX4JATZ0122 RRXAFR5H3901 RRXAFR5H3901 RRXAFR5H3901 RRXAFR5H3901 RRXAFR5H3901 RRXAFR5H0472 RRXAFR5H0472
R610 R613  R613  R620 R621 R623 R631 R632  R633 R635 R636 R638 R639 R640 R641 R642 R645 R646 R647  R646 R648  R649  R650  R650  R651  R6552  R6552	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CHIP RES. 1/10W J 22k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 22k $\Omega$ CARBON RES. 1/4W J 2.2 $\Omega$ CHIP RES. 1/10W F 1.1k $\Omega$ CHIP RES. 1/10W F 1.8k $\Omega$ CHIP RES. 1/10W F 180 $\Omega$ CHIP RES. 1/10W F 3.9k $\Omega$ CHIP RES. 1/10W F 4.7k $\Omega$ CHIP RES. 1/10W F 1.5k $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0122 RCX4JATZ0123 RRX4JR5Z0223 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RRXAFR5H1101 RRXAFR5H1801 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H2201 RCX4JATZ0122 RRXAFR5H3901 RRXAFR5H3901 RRXAFR5H3901 RRXAFR5H3901 RRXAFR5H0472 RRXAFR5H0472 RRXAFR5H0472 RRXAFR5H1501
R610 R613	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CHIP RES. 1/10W J 22k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$ CHIP RES. 1/10W F 1.1k $\Omega$ CHIP RES. 1/10W F 1.8k $\Omega$ CHIP RES. 1/10W F 1.8b $\Omega$ CHIP RES. 1/10W F 3.9k $\Omega$ CHIP RES. 1/10W F 1.5k $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0151 RCX4JATZ0122 RCX4JATZ0122 RCX4JATZ0123 RRXAJR5Z0223 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RRXAFR5H1101 RRXAFR5H1801 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H2201 RCX4JATZ0122 RRXAFR5H3901 RRXAFR5H3901 RRXAFR5H3901 RRXAFR5H0472 RRXAFR5H0472 RRXAFR5H0472 RRXAFR5H1501 RRXAFR5H1501
R610 R613  R613  R620 R621 R623 R631 R632  R633 R635 R636 R638 R639 R640 R641 R642 R645 R646 R647  R648 R649  R650  R651  R653	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CHIP RES. 1/10W J 22k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$ CHIP RES. 1/10W F 1.1k $\Omega$ CHIP RES. 1/10W F 1.8k $\Omega$ CHIP RES. 1/10W F 1.8b $\Omega$ CHIP RES. 1/10W F 3.9k $\Omega$ CHIP RES. 1/10W F 1.5k $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0152 RCX4JATZ0122 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0223 RCX4JATZ0223 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RRXAFR5H1101 RRXAFR5H1801 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H1801 RCX4JATZ0122 RRXAFR5H3901 RCX4JATZ0122 RRXAFR5H3901
R610 R613	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CHIP RES. 1/10W J 22k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$ CHIP RES. 1/10W F 1.1k $\Omega$ CHIP RES. 1/10W F 1.8k $\Omega$ CHIP RES. 1/10W F 1.8b $\Omega$ CHIP RES. 1/10W F 2.2k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CHIP RES. 1/10W F 3.9k $\Omega$ CHIP RES. 1/10W F 3.9k $\Omega$ CHIP RES. (1608) 1/10W F 4.7k $\Omega$ CHIP RES. 1/10W F 1.5k $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0152 RCX4JATZ0122 RCX4JATZ0123 RRX4JR5Z0223 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RRXAFR5H1101 RRXAFR5H1801 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H1801 RCX4JATZ0122 RRXAFR5H3901 RCX4JATZ0122 RRXAFR5H3901
R610 R613	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$ CARBON RES. 1/10W J 22k $\Omega$ CARBON RES. 1/10W J 22k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 12k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$ CARBON RES. 1/10W F 1.1k $\Omega$ CHIP RES. 1/10W F 1.8k $\Omega$ CHIP RES. 1/10W F 1.8k $\Omega$ CHIP RES. 1/10W F 1.8b $\Omega$ CHIP RES. 1/10W F 3.9k $\Omega$ CHIP RES. 1/10W F 3.9k $\Omega$ CHIP RES. 1/10W F 3.9k $\Omega$ CHIP RES. 1/10W F 1.5k $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0152 RCX4JATZ0122 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0223 RCX4JATZ0223 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RRXAFR5H1101 RRXAFR5H1801 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H1801 RCX4JATZ0122 RRXAFR5H3901 RCX4JATZ0122 RRXAFR5H3901
R610 R613	CARBON RES. 1/4W J 68 $\Omega$ METAL OXIDE FILM RES. 2W J 0.47 $\Omega$ CARBON RES. 1/4W J 150 $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CHIP RES. 1/10W J 22k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CARBON RES. 1/4W J 2.2k $\Omega$ CHIP RES. 1/10W F 1.1k $\Omega$ CHIP RES. 1/10W F 1.8k $\Omega$ CHIP RES. 1/10W F 1.8b $\Omega$ CHIP RES. 1/10W F 2.2k $\Omega$ CARBON RES. 1/4W J 1.2k $\Omega$ CHIP RES. 1/10W F 3.9k $\Omega$ CHIP RES. 1/10W F 3.9k $\Omega$ CHIP RES. (1608) 1/10W F 4.7k $\Omega$ CHIP RES. 1/10W F 1.5k $\Omega$	RCX4JATZ0680 RN02R47ZU001 RCX4JATZ0151 RCX4JATZ0152 RCX4JATZ0122 RCX4JATZ0123 RRX4JR5Z0223 RCX4JATZ0123 RCX4JATZ0123 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RCX4JATZ0282 RRXAFR5H1101 RRXAFR5H1801 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H1800 RRXAFR5H1801 RCX4JATZ0122 RRXAFR5H3901 RCX4JATZ0122 RRXAFR5H3901

Ref. No.	Description	Part No.
R663	CARBON RES. 1/4W J 2.2 Ω	RCX4JATZ02R2
R664	CARBON RES. 1/4W J 2.2 Ω	RCX4JATZ02R2
R665▲	CARBON RES. 1/4W J 2.2 Ω	RCX4JATZ02R2
R667	PCB JUMPER D0.6-P5.0	JW5.0T
R669	CARBON RES. 1/4W J 330 Ω	RCX4JATZ0331
R670	CARBON RES. 1/4W J 330 Ω	RCX4JATZ0331
R671	CARBON RES. 1/4W J 330 Ω	RCX4JATZ0331
R704	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R707	CHIP RES. 1/10W J 100 Ω	RRXAJR5Z0101
R708	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R709	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R711	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R713	CHIP RES. 1/10W J 18k Ω	RRXAJR5Z0183
R714	CHIP RES. 1/10W J 18k Ω	RRXAJR5Z0183
R715	CARBON RES. 1/4W J 100 Ω	RCX4JATZ0101
R716	CARBON RES. 1/4W J 100 Ω	RCX4JATZ0101
R717	CHIP RES. 1/10W J 75 Ω	RRXAJR5Z0750
R718	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R719	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R722	CHIP RES. 1/10W J 75 Ω	RRXAJR5Z0750
R723	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R725	CHIP RES. 1/10W J 75 Ω	RRXAJR5Z0750
R734	CARBON RES. 1/4W J 100 Ω	RCX4JATZ0101
R736	CHIP RES. 1/10W J 75 Ω	RRXAJR5Z0750
R738	CARBON RES. 1/4W J 100 Ω	RCX4JATZ0101
R739	CARBON RES. 1/40W 1.75 Ω	RCX4JATZ0101 RRXAJR5Z0750
R742 R744	CHIP RES. 1/10W J 75 $\Omega$	RRXAJR5Z0750
R751	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R752	CHIP RES. 1/10W J 18k Ω	RRXAJR5Z0000
R753	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R754	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R755	CHIP RES. 1/10W J 18k Ω	RRXAJR5Z0183
R756	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R759	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R782	CHIP RES. 1/10W J 10kΩ	RRXAJR5Z0103
R784	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R785	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R786	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R787	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R788	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R789	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R790	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R791	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R792	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R793	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R794	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R798	CHIP RES. 1/10W J 1k Ω	RRXAJR5Z0102
R799	CHIP RES. 1/10W J 1k Ω	RRXAJR5Z0102
R805▲	METAL OXIDE FILM RES. 2W J 3.9 $\Omega$	RN023R9ZU001
R806	CHIP RES. 1/10W J 560 Ω	RRXAJR5Z0561
R807	METAL OXIDE FILM RES. 2W J 3.9 $\Omega$	RN023R9ZU001
R808	CHIP RES. 1/10W J 3.3k Ω	RRXAJR5Z0332
R809	CHIP RES. 1/10W J 4.7k Ω	RRXAJR5Z0472
R810	CHIP RES. 1/10W J 10k $\Omega$	RRXAJR5Z0103
R811	CARBON RES. 1/4W J 10k Ω	RCX4JATZ0103
R813	CHIP RES. 1/10W J 47k Ω	RRXAJR5Z0473
R814	CHIP RES. 1/10W J 2.7k Ω	RRXAJR5Z0272
R815	CARBON RES. 1/4W J 180 Ω	RCX4JATZ0181
R816	CHIP RES. 1/10W J 2.7k Ω	RRXAJR5Z0272
R817	CHIP RES. 1/10W J 47k Ω	RRXAJR5Z0473
R819	CARBON RES. 1/4W J 180 Ω	RCX4JATZ0181
R820	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
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Ref. No.	Description	Part No.
R822	CARBON RES. 1/4W J 22k Ω	RCX4JATZ0223
R823	CHIP RES. 1/10W J 22k Ω	RRXAJR5Z0223
R824	CHIP RES. 1/10W J 22k Ω	RRXAJR5Z0223
R825	CHIP RES. 1/10W J 22k Ω	RRXAJR5Z0223
R826	CHIP RES. 1/10W J 22k Ω	RRXAJR5Z0223
R827	CHIP RES. 1/10W J 22k Ω	RRXAJR5Z0223
R829	CHIP RES. 1/10W J 22k Ω	RRXAJR5Z0223
R830 R833	CHIP RES. 1/10W J 22k Ω  CARBON RES. 1/4W J 22k Ω	RRXAJR5Z0223 RCX4JATZ0223
R834	CHIP RES. 1/10W J 22k Ω	RRXAJR5Z0223
R837	CHIP RES. 1/10W J 1k Ω	RRXAJR5Z0102
R838	CHIP RES. 1/10W J 12kΩ	RRXAJR5Z0123
R839	CHIP RES. 1/10W J 12k Ω	RRXAJR5Z0123
R840	CHIP RES. 1/10W J 1.5k Ω	RRXAJR5Z0152
R842	CHIP RES. 1/10W J 22k Ω	RRXAJR5Z0223
R843	CHIP RES. 1/10W J 22k Ω	RRXAJR5Z0223
R844	CHIP RES. 1/10W J 2.2k Ω	RRXAJR5Z0222
R851	CHIP RES. 1/10W J 100 $\Omega$	RRXAJR5Z0101
R852	CHIP RES. 1/10W J 100 Ω	RRXAJR5Z0101
R853	CHIP RES. 1/10W J 3.3k Ω	RRXAJR5Z0332
R855	CHIP RES. 1/10W J 180k $\Omega$	RRXAJR5Z0184
R1201	CHIP RES. 1/10W J 470 $\Omega$	RRXAJR5Z0471
R1204	CHIP RES. 1/10W J 4.7k $\Omega$	RRXAJR5Z0472
R1213	CHIP RES. 1/10W J 10k $\Omega$	RRXAJR5Z0103
R1216	CHIP RES. 1/10W J 1M $\Omega$	RRXAJR5Z0105
R1217	CHIP RES. 1/10W J $56\Omega$	RRXAJR5Z0560
R1218	CHIP RES. 1/10W J 4.7k $\Omega$	RRXAJR5Z0472
R1219	CHIP RES. 1/10W J 100 $\Omega$	RRXAJR5Z0101
R1220	CHIP RES. 1/10W J 5.6k $\Omega$	RRXAJR5Z0562
R1221	CARBON RES. 1/4W J 100 $\Omega$	RCX4JATZ0101
R1223	CHIP RES. 1/10W J 5.6k Ω	RRXAJR5Z0562
R1224	CARBON RES. 1/4W J 100 Ω	RCX4JATZ0101
R1226	CHIP RES. 1/10W J 33 Ω	RRXAJR5Z0330
R1231	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R1233	CHIP RES. 1/10W J 100 Ω	RRXAJR5Z0101
R1234	CHIP RES. 1/10W J 100 Ω	RRXAJR5Z0101
R1235	CHIP RES. 1/10W J 100 Ω	RRXAJR5Z0101
R1237	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R1242	CHIP RES. 1/10W F 750 Ω	RRXAFR5H7500
R1243	CHIP RES. 1/10W F 200 Ω	RRXAFR5H2000
R1244	CHIP RES. 1/10W F 160 $\Omega$	RRXAFR5H1600
R1245 R1246	CHIP RES. 1/10W F 750 Ω	RRXAFR5H7500
R1247	CHIP RES. 1/10W F 150 Ω	RRXAFR5H1500 RRXAFR5H7500
R1248	CHIP RES. 1/10W F 160 Ω	RRXAFR5H1600
R1249	CHIP RES. 1/10W F 200 Ω	RRXAFR5H2000
R1250	CHIP RES. 1/10W F 750 Ω	RRXAFR5H7500
R1251	CHIP RES.(1608) 1/10W F 68 Ω	RRXAFR5H68R0
R1254	CHIP RES. 1/10W J 18k Ω	RRXAJR5Z0183
R1255	CHIP RES. 1/10W J 22k Ω	RRXAJR5Z0223
R1256	CHIP RES. 1/10W J 2.7k Ω	RRXAJR5Z0272
R1264	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1265	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1268	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1269	CHIP RES. 1/10W J 68k Ω	RRXAJR5Z0683
R1270	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1271	CHIP RES. 1/10W J 2.2k Ω	RRXAJR5Z0222
R1272	CHIP RES. 1/10W J 100 $\Omega$	RRXAJR5Z0101
R1274	CHIP RES. 1/10W J 39k Ω	RRXAJR5Z0393
R1275	CHIP RES. 1/10W J 4.3k $\Omega$	RRXAJR5Z0432
R1276	CHIP RES. 1/10W J 15kΩ	RRXAJR5Z0153
R1277	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1278	CHIP RES. 1/10W J 100 $\Omega$	RRXAJR5Z0101

Ref. No.	Description	Part No.
R1279	CHIP RES. 1/10W J 75 Ω	RRXAJR5Z0750
R1301	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1302	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1303	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1304	CHIP RES. 1/10W J 56 $\Omega$	RRXAJR5Z0560
R1305	CHIP RES. 1/10W J $56\Omega$	RRXAJR5Z0560
R1306	CHIP RES. 1/10W J $56\Omega$	RRXAJR5Z0560
R1307	CHIP RES. 1/10W J 56 $\Omega$	RRXAJR5Z0560
R1308	CHIP RES. 1/10W J 56 $\Omega$	RRXAJR5Z0560
R1309	CHIP RES. 1/10W J 56 Ω	RRXAJR5Z0560
R1310	CHIP RES. 1/10W J 56 Ω	RRXAJR5Z0560
R1311	CHIP RES. 1/10W J 56 Ω	RRXAJR5Z0560
R1312	CHIP RES. 1/10W J 56 Ω	RRXAJR5Z0560
R1313	CHIP RES. 1/10W J 56 Ω	RRXAJR5Z0560
R1314	CHIP RES. 1/10W J 56 Ω	RRXAJR5Z0560
R1315	CHIP RES. 1/10W J 56 Ω	RRXAJR5Z0560
R1316	CHIP RES. 1/10W J 56 Ω	RRXAJR5Z0560
R1317	CHIP RES. 1/10W J 56 Ω	RRXAJR5Z0560
R1318	CHIP RES. 1/10W J 56 Ω	RRXAJR5Z0560
R1319 R1320	CHIP RES. 1/10W J 56 $\Omega$	RRXAJR5Z0560 RRXAJR5Z0560
R1321	CHIP RES. 1/10W J 56 Ω	RRXAJR5Z0560
R1322	CHIP RES. (1608) 1/10W 0 Ω	RRXAZR5Z0000
R1323	CHIP RES. 1/10W J 56 Ω	RRXAJR5Z0560
R1324	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1325	CHIP RES. 1/10W J 56 Ω	RRXAJR5Z0560
R1326	CHIP RES. 1/10W J 56 Ω	RRXAJR5Z0560
R1327	CHIP RES. 1/10W J 56 Ω	RRXAJR5Z0560
R1328	CHIP RES. 1/10W J 56 Ω	RRXAJR5Z0560
R1329	CHIP RES. 1/10W J $56\Omega$	RRXAJR5Z0560
R1330	CHIP RES. 1/10W J 56 $\Omega$	RRXAJR5Z0560
R1331	CHIP RES. 1/10W J 56 $\Omega$	RRXAJR5Z0560
R1332	CHIP RES. 1/10W J 56 $\Omega$	RRXAJR5Z0560
R1333	CHIP RES. 1/10W J 56 $\Omega$	RRXAJR5Z0560
R1334	CHIP RES. 1/10W J $56\Omega$	RRXAJR5Z0560
R1335	CHIP RES. 1/10W J $56\Omega$	RRXAJR5Z0560
R1336	CHIP RES. 1/10W J $56\Omega$	RRXAJR5Z0560
R1337	CHIP RES. 1/10W J 56 $\Omega$	RRXAJR5Z0560
R1338	CHIP RES. 1/10W J $56\Omega$	RRXAJR5Z0560
R1339	CHIP RES. 1/10W J $56\Omega$	RRXAJR5Z0560
R1340	CHIP RES. 1/10W J 56 $\Omega$	RRXAJR5Z0560
R1341	CHIP RES. 1/10W J 56 $\Omega$	RRXAJR5Z0560
R1342	CHIP RES. 1/10W J 56 Ω	RRXAJR5Z0560
R1343	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1344	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1345	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1346	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1347	CHIP RES. 1/10W J 100 Ω	RRXAJR5Z0101
R1348	CHIP RES. 1/10W J 47 Ω	RRXAJR5Z0470
R1349	CHIP RES. 1/10W J 47 Ω	RRXAJR5Z0470
R1350	CHIP RES. 1/10W J 100 Ω	RRXAJR5Z0101
R1351	CHIP RES. $1/10W$ J $100$ $\Omega$	RRXAJR5Z0101 RRXAJR5Z0101
R1352 R1353	CHIP RES. 1/10W J 100 Ω	RRXAJR5Z0101
R1354	CHIP RES. 1/10W J 1kΩ	RRXAJR5Z0102
R1355	CHIP RES. 1/10W J 100 Ω	RRXAJR5Z0101
R1356	CHIP RES. 1/10W J 100 Ω	RRXAJR5Z0101
R1357	CHIP RES. 1/10W J 100 Ω	RRXAJR5Z0101
R1358	CHIP RES. 1/10W J 100 Ω	RRXAJR5Z0101
R1359	CHIP RES. 1/10W J 47 Ω	RRXAJR5Z0470
R1360	CARBON RES. 1/4W J 470 Ω	RCX4JATZ0471
R1361	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R1362	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103

Ref. No.	Description	Part No.
R1363	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R1364	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103
R1365	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1366	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1367	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1368	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1369	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1370	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
R1371	CHIP RES. 1/10W J 1k Ω	RRXAJR5Z0102
	MISCELLANEOUS	l
AC601	AC CORD LP-11W&PT218P-K90A&S	WAC0172LW020
B7	SHIELD BOX TOP L2500UA	1EM321728
B22	POW HEAT SINK PKG ASSEMBLY L3201UB	1EM420650
BC10	PCB JUMPER D0.6-P5.0	JW5.0T
BC11	PCB JUMPER D0.6-P5.0	JW5.0T
BC602	BEADS INDUCTOR FBR07HA121SB-00	LLBF00STU030
CF31	CERAMIC FILTER SFSRA4M50CF00-B0	FBB455PMR004
CLN806	LEAD WIRE LEAD WIRE 37MM BLACK	WX3001X65503
F601A	FUSE STC4A125V U/CT	PAGE20CW3402
FH601	FUSE HOLDER MSF-015	XH01Z00LY001
FH602	FUSE HOLDER MSF-015	XH01Z00LY001
GP642 <b>▲</b>	GAP. FNR-G3.10D	FAZ000LD6005
JK701	Y/C JACK 1P(SW) DMDC1-01-021	JYEL040RP001
JK703	JACK RCA PCB L RCA-112(2)-04(YL)	JXRL010YUQ10
JK704	JACK RCA PCB L RCA-112(2)-04(WH)	JXRL010YUQ11
JK705	JACK SW RCA PCB L RCA-112-03(RD)	JYRL010YUQ02
JK706	RCA JACK(GREEN) MTJ-032-08B-41 FE(	JXRL010LY126
JK707	RCA JACK(BLUE) MTJ-032-08B-44 FE	JXRL010LY130
JK708	JACK RCA PCB L RCA 112(2) 04(RD)	JXRL010YUQ16
JK709	JACK RCA PCB L RCA-112(2)-04(WH)	JXRL010YUQ11
JK710	JACK SW RCA PCB L RCA-112-03(RD)	JYRL010YUQ02
JK801	MINIATURE JACK(PB FREE) CKX-035-318AZ4	JYSL010SNJ01
JS813	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
JS822	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000
L16	SCREW B-TIGHT D3X8 BIND HEAD+	GBJB3080
SA601 <b>▲</b>	SURGE ABSORBER 470V+-10PER	NVQZ10D471KB
SF11	FILTER CERAMIC BAND PASS SAFHS45M7VAJZ00B05	FBB456LMR004
T601 <b>▲</b>	TRANS POWER 6720	LTT2PC0KT006
TP1701	PCB JUMPER D0.6-P5.0	JW5.0T
TP1702	PCB JUMPER D0.6-P5.0	JW5.0T
TP401	PCB JUMPER D0.6-P30.0	JW30.0T
TU1	TUNER UNIT TEFH9-002A	UTUNNTUAL045
X1201	XTAL OSCILLATOR 27.00MHz 15PPM	FXC276LLN002

### **INVERTER CBA**

Ref. No.	Description	Part No.
	INVERTER CBA Consists of the following:	1ESA12650
	CAPACITORS	
C301	ELECTROLYTIC CAP. 47μF/16V M	CE1CMASDL470
C302	CHIP CERAMIC CAP.(1608) B K 5600pF/50V	CHD1JK30B562
C303	ELECTROLYTIC CAP. 220µF/16V M	CE1CMASDL221
C321	CAP CHIP 5pF 3KV C XC	CA3F5R05M016
C322	CHIP CERAMIC CAP.(1608) B K 0.01μF/50V	CHD1JK30B103
C323	CAP CHIP 5pF 3KV C XC	CA3F5R05M016
C325	CHIP CERAMIC CAP.(1608) B K 0.01μF/50V	CHD1JK30B103
C326	ELECTROLYTIC CAP. 10μF/50V M	CE1JMASDL100
C327	CHIP CERAMIC CAP.(1608) B K 0.01µF/50V	CHD1JK30B103
C328	ELECTROLYTIC CAP. 10μF/50V M	CE1JMASDL100
C329	CHIP CERAMIC CAP.(1608) B K 0.01μF/50V	CHD1JK30B103
C330	CAP METALIZED FILM 0.068µF/250V/J	CT2E683MS041

Ref. No.	Description	Part No.
C331	ELECTROLYTIC CAP. 22µF/50V M	CE1JMASDL220
C332	CHIP CERAMIC CAP.(1608) B K 0.01µF/50V	CHD1JK30B103
C341	CAP CHIP 5pF 3KV C XC	CA3F5R05M016
C342	CHIP CERAMIC CAP.(1608) B K 0.01μF/50V	CHD1JK30B103
C343	CAP CHIP 5pF 3KV C XC	CA3F5R05M016
C345	CHIP CERAMIC CAP.(1608) B K 0.01μF/50V	CHD1JK30B103
C346	ELECTROLYTIC CAP. 10µF/50V M	CE1JMASDL100
C347	CHIP CERAMIC CAP.(1608) B K 0.01µF/50V	CHD1JK30B103
C348	ELECTROLYTIC CAP. 10µF/50V M	CE1JMASDL100
C349	CHIP CERAMIC CAP.(1608) B K 0.01µF/50V	CHD1JK30B103
C350	CAP METALIZED FILM 0.068µF/250V/J	CT2E683MS041
C351	ELECTROLYTIC CAP. 22µF/50V M	CE1JMASDL220
C361	CAP CHIP 5pF 3KV C XC	CA3F5R05M016
C362	CHIP CERAMIC CAP(1608) B K 0.01μF/50V	CHD1JK30B103
C363	CAP CHIP 5pF 3KV C XC	CA3F5R05M016
C365	CHIP CERAMIC CAP(1608) B K 0.01µF/50V	CHD1JK30B103
C366	ELECTROLYTIC CAP. 10μF/50V M	CE1JMASDL100
C367	CHIP CERAMIC CAP (1608) B K 0.01µF/50V	CHD1JK30B103
C368	ELECTROLYTIC CAP. 10μF/50V M	CE1JMASDL100
C369	CHIP CERAMIC CAP(1608) B K 0.01μF/50V	CHD1JK30B103
C370	CAP METALIZED FILM 0.068µF/250V/J	CT2E683MS041
C371	ELECTROLYTIC CAP. 22µF/50V M	CE1JMASDL220
	CONNECTORS	•
CN301	BACK LIGHT CONNECTOR 1717369-1	JB17D02AP001
CN302	BACK LIGHT CONNECTOR 1717369-1	JB17D02AP001
CN303	BACK LIGHT CONNECTOR 1717369-1	JB17D02AP001
CN304	CONNECTOR PRINT MES C/15/S/	JCTWA15TG004
	127301115K2	
CN310	CONNECTOR PRINT OSU 008283021200000S+	J383C02UG004
	DIODES	
Dane		ODT700199122
D306 D307	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
-	SWITCHING DIODE 1SS133(T-77)  ZENER DIODE MTZJT-776.2B	QDTZ001SS133 QDTB0MTZJ6R2
D308 D309	ZENER DIODE MTZJT-770.2B	QDTB00MTZJ10
D309 D321	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D321	SWITCHING DIODE 1SS133(I-77)	QDTZ001SS133
D323	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D324	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D325	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D326	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D327	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D328	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D329	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D330	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D331	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D332	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D333	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D334	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D341	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D342	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D343	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D344	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D345	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D346	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D347	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D348	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D349	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D350	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D351	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D352	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D353	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133
D354	SWITCHING DIODE 1SS133(T-77)	QDTZ001SS133

Ref. No.         Description         Part No.           D861         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D862         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D863         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D864         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D866         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D866         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D867         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D868         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D869         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D370         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D371         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D372         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D373         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D375         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D376         SWITCHING DIODE 1SS133(F77) <td< th=""><th></th><th></th><th></th></td<>			
D962         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           D963         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           D964         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           D965         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           D366         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           D367         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           D368         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           D369         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           D370         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           D371         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           D372         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           D373         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           D375         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           D376         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           D377         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           D377         COIL		·	
D963         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D364         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D365         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D366         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D367         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D368         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D369         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D370         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D371         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D372         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D373         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D373         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D375         COIL CHOKE ELC10D10TEL         LLC101KM5003           L301         L         LC10TKM5003 </td <td></td> <td>` '</td> <td></td>		` '	
D364         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D365         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D366         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D367         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D368         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D369         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D370         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D371         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D372         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D373         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           COILS           COILS           COIL CHOKE ELC10D101EL         LLC101KMS003           TRANSISTORS           COIL CHOKE ELC10D101EL         LLC101KMS003           TRANSISTOR SEC2785(F)         QOSF02SC2785           Q304         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q305         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q306         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q323         TRANSISTOR 2SC2785(F)		` ,	
D966         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D966         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D367         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D368         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D369         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D370         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D371         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D372         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D373         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D375         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D376         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D377         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D378         SWITCHING DIODE 1SS133(F77)		` '	
D366         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D367         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D368         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D368         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D370         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D371         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D372         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D373         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D302         COIL CHOKE ELC10D101EL         LLC101KMS003           L303         COIL CHOKE ELC10D101EL         LLC101KMS003           L303         TRANSISTOR SSC2785(F)         QOSF02SC2785           Q304         TRANSISTOR 2SC4120-Q(TE2 F T)         QOSC2SC2785           Q305         TRANSISTOR 2SC4120-Q(TE2 F T)         QOSC2SC2120-Q           Q321 A         FET MOS SMD HAT2215R 1UA         QF22HA72215R           Q322         TRANSISTOR 2SC2785(F)         Q		` '	
D367         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D368         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D369         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D370         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D371         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D373         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D373         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           COIL CHOKE ELC10D101EL         LLC101KMS003           TRANSISTORS           COIL CHOKE ELC10D101EL         LLC101KMS003           TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q304         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q305         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q324         TRANSI		` '	
D368         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D369         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D370         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D371         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D372         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D373         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D373         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D302         COIL CHOKE ELC10D101EL         LLC101KMS003           L303         COIL CHOKE ELC10D101EL         LLC101KMS003           D303         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q304         TRANSISTOR 2SC1785(F)         QQSF02SC2785           Q305         TRANSISTOR 2SC1785(F)         QQSF02SC2785           Q306         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q322         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q323         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q324         TRANSISTOR 2SC2785(F)         QQSF02SC2785 <t< td=""><td></td><td>` '</td><td></td></t<>		` '	
D369         SWITCHING DIODE 1SS133(F-77)         QDTZ001SS133           D370         SWITCHING DIODE 1SS133(F-77)         QDTZ001SS133           D371         SWITCHING DIODE 1SS133(F-77)         QDTZ001SS133           D372         SWITCHING DIODE 1SS133(F-77)         QDTZ001SS133           D373         SWITCHING DIODE 1SS133(F-77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F-77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F-77)         QDTZ001SS133           COILS           L301         COIL CHOKE ELC10D101EL         LLC101KMS003           L303         COIL CHOKE ELC10D101EL         LLC101KMS003           TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q304         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q305         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q306         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q322         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q323         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q324         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q341         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q342         TRANSISTOR 2SC2785(F)		` '	
D370         SWITCHING DIODE 1SS133(F-77)         QDTZ001SS133           D371         SWITCHING DIODE 1SS133(F-77)         QDTZ001SS133           D372         SWITCHING DIODE 1SS133(F-77)         QDTZ001SS133           D373         SWITCHING DIODE 1SS133(F-77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F-77)         QDTZ001SS133           COILS           L301         COIL CHOKE ELC10D101EL         LLC101KMS003           L302         COIL CHOKE ELC10D101EL         LLC101KMS003           TRANSISTORS           Q304         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q305         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q306         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q306         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q306         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q322         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q323         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q324         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q324         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q324         TRANSISTOR 2SC2785(F)         QQSF02SC2785		` '	
D371         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D372         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D373         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           COILS           L301         COIL CHOKE ELC10D101EL         LLC101KMS003           L302         COIL CHOKE ELC10D101EL         LLC101KMS003           L303         COIL CHOKE ELC10D101EL         LLC101KMS003           TRANSISTORS           Q304         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q305         TRANSISTOR 2SC120-Q(TE2 F T)         QOSF02SC2785           Q306         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q324         FE MOS SMD HAT2215R 1UA         GP22HAT2215R           Q322         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q323         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q324         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q324         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q341         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q341         TRANSISTOR 2SC2785(F)         QOSF02SC2785           Q		` '	+
D372         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D373         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           COILS           L301         COIL CHOKE ELC10D101EL         LLC101KMS003           L302         COIL CHOKE ELC10D101EL         LLC101KMS003           TRANSISTORS           Q304         TRANSISTOR 2SC2785(F)         QQSF02SC27285           Q305         TRANSISTOR 2SC2785(F)         QQSF02SC27295           Q306         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q306         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q322         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q323         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q324         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q325         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q341	-	` '	
D373         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           D374         SWITCHING DIODE 1SS133(F77)         QDTZ001SS133           COIL CHOKE ELC10D101EL         LLC101KMS003           L302         COIL CHOKE ELC10D101EL         LLC101KMS003           L303         COIL CHOKE ELC10D101EL         LLC101KMS003           TRANSISTORS           C304         TRANSISTOR 2SC2785(F)         QQSF02SC2120-QC3           C305         TRANSISTOR 2SC2120-Q(TE2 F T)         QQS02SC2120F           C306         TRANSISTOR 2SC2120-Q(TE2 F T)         QQS02SC2120F           C322         TRANSISTOR 2SC2785(F)         QQSF02SC2785           C322         TRANSISTOR 2SC2785(F)         QQSF02SC2785           C323         TRANSISTOR 2SC2785(F)         QQSF02SC2785           C324         TRANSISTOR 2SC2785(F)         QQSF02SC2785           C325         TRANSISTOR 2SC2785(F)         QQSF02SC2785           C324         TRANSISTOR 2SC2785(F)         QQSF02SC2785           C341         FET MOS SMD HAT2215R TUA         QF2ZHAT2215R           C342         TRANSISTOR 2SC2785(F)         QQSF02SC2785           C344         TRANSISTOR 2SC2785(F)         QQSF02SC2785           C361         FET MOS SMD HAT2215R TUA <td< td=""><td></td><td>` '</td><td></td></td<>		` '	
D374         SWITCHING DIODE 1SS133(T-77)         QDTZ001SS133           COILS           L301         COIL CHOKE ELC10D101EL         LLC101KMS003           L302         COIL CHOKE ELC10D101EL         LLC101KMS003           TRANSISTORS           Q304         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q305         TRANSISTOR 2SC4785(F)         QQSF02SC2120F           Q306         TRANSISTOR 2SC2785(F)         QQSF02SC2120F           Q321		` '	
COILS  L301		` '	
L302         COIL CHOKE ELC10D101EL         LLC101KMS003           L303         COIL CHOKE ELC10D101EL         LLC101KMS003           TRANSISTORS           Q304         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q305         TRANSISTOR 2SC2120-O(TE2 F T)         QQSF02SC2120F           Q306         TRANSISTOR 2SC2120-O(TE2 F T)         QQSF02SC2120F           Q321		` '	
L303         COIL CHOKE ELC10D101EL         LLC101KMS003           TRANSISTORS           Q304         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q305         TRANSISTOR 2SC41175(F)         QQSF02SC2120F           Q306         TRANSISTOR 2SC2120-Q(TE2 F T)         QQS02SC2120F           Q321	L301	COIL CHOKE ELC10D101EL	LLC101KMS003
TRANSISTORS  Q304 TRANSISTOR 2SC2785(F) QQSF02SC2785 Q305 TRANSISTOR 2SC2120-O(TE2 F T) QQSF02SC2110F Q306 TRANSISTOR 2SC2120-O(TE2 F T) QGS02SC2120F Q321			
Q304         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q305         TRANSISTOR 2SA1175(F)         QQSF02SA1175           Q306         TRANSISTOR 2SC2120-Q(TE2 F T)         QQS02SC2120F           Q321	L303	COIL CHOKE ELC10D101EL	LLC101KMS003
Q305         TRANSISTOR 2SA1175(F)         QQSF02SA1175           Q306         TRANSISTOR 2SC2120-Q(TE2 F T)         QQS02SC2120F           Q321		TRANSISTORS	1
Q305         TRANSISTOR 2SA1175(F)         QQSF02SA1175           Q306         TRANSISTOR 2SC2120-Q(TE2 F T)         QQS02SC2120F           Q321	Q304		QQSF02SC2785
Q306         TRANSISTOR 2SC2120-Q(TE2 F T)         QQS02SC2120F           Q321		` '	
Q322         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q323         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q324         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q325         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q341	Q306	( )	
Q323         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q324         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q325         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q341 $\triangle$ FET MOS SMD HAT2215R 1UA         QF2ZHAT2215R           Q342         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q343         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q344         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q361 $\triangle$ FET MOS SMD HAT2215R 1UA         QP2ZHAT2215R           Q362         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q363         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q364         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q364         TRANSISTOR 2SC2785(F)         QQSF02SC2785           R309         CARBON RES. 1/4W J 10k Ω         RCX4JATZ0103           R310         CARBON RES. 1/4W J 12k Ω         RCX4JAT20122           R311         CHIP RES. 1/10W J 39k Ω         RRXAJRSZ0470           R312         CHIP RES. 1/10W J 39k Ω         RRXAJRSZ0333           R318         CARBON RES. 1/4W J 1.2k Ω         RCX4JATZ0122           R321         CHIP RES. 1/10W J 390 Ω         RRXAJRSZ0391           R322	Q321A	FET MOS SMD HAT2215R 1UA	QF2ZHAT2215R
Q324         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q325         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q341 $\triangle$ FET MOS SMD HAT2215R 1UA         QF2ZHAT2215R           Q342         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q343         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q344         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q344         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q362         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q363         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q364         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q363         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q364         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q365         QSF02SC2785         QQSF02SC2785           R309         CARBON RES. 1/4W J 1.2k Ω         RCX4JATZ0103           R310         CARBON RES. 1/4W J 1.2k Ω         RCX4JATZ01022           R311         CHIP RES. 1/10W J 390 Ω         RRXAJRSZ0103           R313         CHIP RES. 1/10W J 390 Ω         RRXAJRSZ0333           R318         CARBON RES. 1/4W J 1.2k Ω         RCX4JATZ0122           R321         CHIP	Q322	TRANSISTOR 2SC2785(F)	QQSF02SC2785
Q325         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q341	Q323	TRANSISTOR 2SC2785(F)	QQSF02SC2785
Q341	Q324	TRANSISTOR 2SC2785(F)	QQSF02SC2785
Q342         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q343         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q344         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q361	Q325	TRANSISTOR 2SC2785(F)	QQSF02SC2785
Q343         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q344         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q361 ♠         FET MOS SMD HAT2215R 1UA         QF2ZHAT2215R           Q362         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q363         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q364         TRANSISTOR 2SC2785(F)         QQSF02SC2785           RESISTORS           R309         CARBON RES. 1/4W J 10k Ω         RCX4JATZ0103           R310         CARBON RES. 1/4W J 12k Ω         RCX4JATZ0122           R311         CHIP RES. 1/10W J 47 Ω         RRXAJR5Z0470           R312         CHIP RES. 1/10W J 3k Ω         RRXAJR5Z0103           R313         CHIP RES. 1/10W J 3k Ω         RCX4JATZ0122           R321         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0331           R321         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0391           R322         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0391           R323         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0102           R324         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R325         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R326         CHIP RES. 1/10W J 22 Ω         RRXAJ	Q341A	FET MOS SMD HAT2215R 1UA	QF2ZHAT2215R
Q344         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q361	Q342	TRANSISTOR 2SC2785(F)	QQSF02SC2785
Q361	Q343	TRANSISTOR 2SC2785(F)	QQSF02SC2785
Q362         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q363         TRANSISTOR 2SC2785(F)         QQSF02SC2785           RESISTORS           RESISTORS           R309         CARBON RES. 1/4W J 10k Ω         RCX4JATZ0103           R310         CARBON RES. 1/4W J 1.2k Ω         RCX4JATZ0122           R311         CHIP RES. 1/10W J 47 Ω         RRXAJR5Z0470           R312         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R313         CHIP RES. 1/10W J 33k Ω         RRXAJR5Z0333           R313         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0391           R321         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0391           R322         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0391           R323         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0102           R324         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R325         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R326         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R327         CHIP RES. 1/10W J 22 Ω         RRXAJR5Z0220           R330         CHIP RES. 1/10W J 30k Ω         RRXAJR5Z0103           R331         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103	Q344	TRANSISTOR 2SC2785(F)	QQSF02SC2785
Q363         TRANSISTOR 2SC2785(F)         QQSF02SC2785           Q364         TRANSISTOR 2SC2785(F)         QQSF02SC2785           RESISTORS           R309         CARBON RES. 1/4W J $10k\Omega$ RCX4JATZ0103           R310         CARBON RES. 1/4W J $1.2k\Omega$ RCX4JATZ0122           R311         CHIP RES. 1/10W J $47\Omega$ RRXAJR5Z0470           R312         CHIP RES. 1/10W J $47\Omega$ RRXAJR5Z0103           R313         CHIP RES. 1/10W J $33k\Omega$ RRXAJR5Z0333           R313         CHIP RES. 1/10W J $390\Omega$ RRXAJR5Z0333           R318         CARBON RES. 1/4W J $1.2k\Omega$ RCX4JATZ0122           R321         CHIP RES. 1/10W J $390\Omega$ RRXAJR5Z0391           R322         CHIP RES. 1/10W J $390\Omega$ RRXAJR5Z0391           R323         CHIP RES. 1/10W J $1k\Omega$ RRXAJR5Z0102           R324         CHIP RES. 1/10W J $10k\Omega$ RRXAJR5Z0103           R325         CHIP RES. 1/10W J $10k\Omega$ RRXAJR5Z0103           R326         CHIP RES. 1/10W J $10k\Omega$ RRXAJR5Z0103           R327         CHIP RES. 1/10W J $22\Omega$ RRXAJR5Z0103           R328         CHIP RES. 1/10W J $22\Omega$ RRXAJR5Z0220           R330         CHIP RES. 1/10W J $22\Omega$ <td>Q361A</td> <td>FET MOS SMD HAT2215R 1UA</td> <td>QF2ZHAT2215R</td>	Q361A	FET MOS SMD HAT2215R 1UA	QF2ZHAT2215R
Q364         TRANSISTOR 2SC2785(F)         QQSF02SC2785           RESISTORS           R309         CARBON RES. 1/4W J 10k Ω         RCX4JATZ0103         RCX4JATZ0102           R310         CARBON RES. 1/4W J 1.2k Ω         RCX4JATZ0122           R311         CHIP RES. 1/10W J 47 Ω         RRXAJR5Z0470           R312         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R313         CHIP RES. 1/10W J 33k Ω         RRXAJR5Z0333           R318         CARBON RES. 1/4W J 1.2k Ω         RCX4JATZ0122           R321         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0391           R322         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0391           R323         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0102           R324         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R325         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R326         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R327         CHIP RES. 1/10W J 22 Ω         RRXAJR5Z0220           R328         CHIP RES. 1/10W J 22 Ω         RRXAJR5Z0220           R330         CHIP RES. 1/10W J 3.0k Ω         RRXAJR5Z0472           R331         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R333	-	, ,	QQSF02SC2785
RESISTORS           R309         CARBON RES. $1/4W$ J $10k$ Ω         RCX4JATZ0103           R310         CARBON RES. $1/4W$ J $1.2k$ Ω         RCX4JATZ0122           R311         CHIP RES. $1/10W$ J $47$ Ω         RRXAJR5Z0470           R312         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R313         CHIP RES. $1/10W$ J $38k$ Ω         RRXAJR5Z0333           R318         CARBON RES. $1/4W$ J $1.2k$ Ω         RCX4JATZ0122           R321         CHIP RES. $1/10W$ J $390$ Ω         RRXAJR5Z0391           R322         CHIP RES. $1/10W$ J $390$ Ω         RRXAJR5Z0391           R323         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0102           R324         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R325         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R326         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R327         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R328         CHIP RES. $1/10W$ J $22$ Ω         RRXAJR5Z0220           R330         CHIP RES. $1/10W$ J $22$ Ω         RRXAJR5Z0472           R331         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R333         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103		, ,	
R309         CARBON RES. $1/4W$ J $10k$ Ω         RCX4JATZ0103           R310         CARBON RES. $1/4W$ J $1.2k$ Ω         RCX4JATZ0122           R311         CHIP RES. $1/10W$ J $47$ Ω         RRXAJR5Z0470           R312         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R313         CHIP RES. $1/10W$ J $38k$ Ω         RRXAJR5Z0333           R318         CARBON RES. $1/4W$ J $1.2k$ Ω         RCX4JATZ0122           R321         CHIP RES. $1/10W$ J $390$ Ω         RRXAJR5Z0391           R322         CHIP RES. $1/10W$ J $390$ Ω         RRXAJR5Z0391           R323         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0102           R324         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R325         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R326         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0102           R327         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R328         CHIP RES. $1/10W$ J $22$ Ω         RRXAJR5Z0220           R330         CHIP RES. $1/10W$ J $4.7k$ Ω         RRXAJR5Z0472           R331         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R333         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R333         CHIP RES. $1/10W$ J $10$	Q364	. ,	QQSF02SC2785
R310         CARBON RES. $1/4$ W J $1.2$ k $Ω$ RCX4JATZ0122           R311         CHIP RES. $1/10$ W J $47$ $Ω$ RRXAJR5Z0470           R312         CHIP RES. $1/10$ W J $10$ k $Ω$ RRXAJR5Z0103           R313         CHIP RES. $1/10$ W J $30$ k $Ω$ RRXAJR5Z0333           R318         CARBON RES. $1/4$ W J $1.2$ k $Ω$ RCX4JATZ0122           R321         CHIP RES. $1/10$ W J $390$ $Ω$ RRXAJR5Z0391           R322         CHIP RES. $1/10$ W J $390$ $Ω$ RRXAJR5Z0391           R323         CHIP RES. $1/10$ W J $10$ k $Ω$ RRXAJR5Z0102           R324         CHIP RES. $1/10$ W J $10$ k $Ω$ RRXAJR5Z0103           R325         CHIP RES. $1/10$ W J $10$ k $Ω$ RRXAJR5Z0103           R326         CHIP RES. $1/10$ W J $10$ k $Ω$ RRXAJR5Z0102           R327         CHIP RES. $1/10$ W J $10$ k $Ω$ RRXAJR5Z0220           R328         CHIP RES. $1/10$ W J $22$ $Ω$ RRXAJR5Z0220           R330         CHIP RES. $1/10$ W J $22$ $Ω$ RRXAJR5Z0472           R331         CHIP RES. $1/10$ W J $10$ k $Ω$ RRXAJR5Z0103           R333         CHIP RES. $1/10$ W J $10$ k $Ω$ RRXAJR5Z0103           R334         CHIP RES. $1/10$ W J $10$ k $Ω$ RRXAJR5Z0103           R335			T=
R311         CHIP RES. 1/10W J 47 Ω         RRXAJR5Z0470           R312         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R313         CHIP RES. 1/10W J 33k Ω         RRXAJR5Z0333           R318         CARBON RES. 1/4W J 1.2k Ω         RCX4JATZ0122           R321         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0391           R322         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0391           R323         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0102           R324         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R325         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R326         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0102           R327         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R328         CHIP RES. 1/10W J 22 Ω         RRXAJR5Z0220           R329         CHIP RES. 1/10W J 22 Ω         RRXAJR5Z0220           R330         CHIP RES. 1/10W J 4.7k Ω         RRXAJR5Z0472           R331         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R332         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R333         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R333         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R334<			
R312         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R313         CHIP RES. 1/10W J 33k $\Omega$ RRXAJR5Z0333           R318         CARBON RES. 1/4W J 1.2k $\Omega$ RCX4JATZ0122           R321         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391           R322         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391           R323         CHIP RES. 1/10W J 1k $\Omega$ RRXAJR5Z0102           R324         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R325         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R326         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0102           R327         CHIP RES. 1/10W J 22 $\Omega$ RRXAJR5Z0103           R328         CHIP RES. 1/10W J 22 $\Omega$ RRXAJR5Z0220           R329         CHIP RES. 1/10W J 22 $\Omega$ RRXAJR5Z0220           R330         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R331         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R332         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R333         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R334         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R335         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103			
R313         CHIP RES. $1/10W$ J $33k$ Ω         RRXAJR5Z0333           R318         CARBON RES. $1/4W$ J $1.2k$ Ω         RCX4JATZ0122           R321         CHIP RES. $1/10W$ J $390$ Ω         RRXAJR5Z0391           R322         CHIP RES. $1/10W$ J $390$ Ω         RRXAJR5Z0391           R323         CHIP RES. $1/10W$ J $1k$ Ω         RRXAJR5Z0102           R324         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R325         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R326         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0102           R327         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R328         CHIP RES. $1/10W$ J $22$ Ω         RRXAJR5Z0220           R329         CHIP RES. $1/10W$ J $22$ Ω         RRXAJR5Z0220           R330         CHIP RES. $1/10W$ J $4.7k$ Ω         RRXAJR5Z0472           R331         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R332         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R333         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R334         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R335         CHIP RES. $1/10W$ J $10k$ Ω         RRXAJR5Z0103           R337         CHIP RES. $1/10W$ J $10k$ Ω			
R318         CARBON RES. $1/4$ W J $1.2$ k $Ω$ RCX4JATZ0122           R321         CHIP RES. $1/10$ W J $390$ $Ω$ RRXAJR5Z0391           R322         CHIP RES. $1/10$ W J $390$ $Ω$ RRXAJR5Z0391           R323         CHIP RES. $1/10$ W J $1$ k $Ω$ RRXAJR5Z0102           R324         CHIP RES. $1/10$ W J $1$ 0k $Ω$ RRXAJR5Z0103           R325         CHIP RES. $1/10$ W J $1$ 0k $Ω$ RRXAJR5Z0103           R326         CHIP RES. $1/10$ W J $1$ 0k $Ω$ RRXAJR5Z0102           R327         CHIP RES. $1/10$ W J $1$ 0k $Ω$ RRXAJR5Z0103           R328         CHIP RES. $1/10$ W J $2$ 2 $Ω$ RRXAJR5Z0220           R329         CHIP RES. $1/10$ W J $2$ 2 $Ω$ RRXAJR5Z0220           R330         CHIP RES. $1/10$ W J $4.7$ k $Ω$ RRXAJR5Z0472           R331         CHIP RES. $1/10$ W J $4.7$ k $Ω$ RRXAJR5Z0103           R332         CHIP RES. $1/10$ W J $10$ k $Ω$ RRXAJR5Z0103           R333         CHIP RES. $1/10$ W J $10$ k $Ω$ RRXAJR5Z0103           R334         CHIP RES. $1/10$ W J $10$ k $Ω$ RRXAJR5Z0103           R335         CHIP RES. $1/10$ W J $10$ k $Ω$ RRXAJR5Z0103           R337         CHIP RES. $1/10$ W J $10$ k $Ω$ RRXAJR5Z0103           R341			
R321         CHIP RES. $1/10W$ J 390 $\Omega$ RRXAJR5Z0391           R322         CHIP RES. $1/10W$ J 1k $\Omega$ RRXAJR5Z0391           R323         CHIP RES. $1/10W$ J 1k $\Omega$ RRXAJR5Z0102           R324         CHIP RES. $1/10W$ J 10k $\Omega$ RRXAJR5Z0103           R325         CHIP RES. $1/10W$ J 10k $\Omega$ RRXAJR5Z0103           R326         CHIP RES. $1/10W$ J 10k $\Omega$ RRXAJR5Z0102           R327         CHIP RES. $1/10W$ J 10k $\Omega$ RRXAJR5Z0103           R328         CHIP RES. $1/10W$ J 22 $\Omega$ RRXAJR5Z0220           R329         CHIP RES. $1/10W$ J 22 $\Omega$ RRXAJR5Z0220           R330         CHIP RES. $1/10W$ J 4.7k $\Omega$ RRXAJR5Z0472           R331         CHIP RES. $1/10W$ J 4.7k $\Omega$ RRXAJR5Z0472           R332         CHIP RES. $1/10W$ J 10k $\Omega$ RRXAJR5Z0103           R333         CHIP RES. $1/10W$ J 10k $\Omega$ RRXAJR5Z0103           R334         CHIP RES. $1/10W$ J 10k $\Omega$ RRXAJR5Z0103           R335         CHIP RES. $1/10W$ J 10k $\Omega$ RRXAJR5Z0103           R337         CHIP RES. $1/10W$ J 10k $\Omega$ RRXAJR5Z0103           R341         CHIP RES. $1/10W$ J 390 $\Omega$ RRXAJR5Z0391           R342         CHIP RES. $1/10W$ J 390 $\Omega$ </td <td></td> <td></td> <td></td>			
R322         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391           R323         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0102           R324         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R325         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R326         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0102           R327         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R328         CHIP RES. 1/10W J 22 $\Omega$ RRXAJR5Z0220           R329         CHIP RES. 1/10W J 22 $\Omega$ RRXAJR5Z0220           R330         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R331         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R332         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R333         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R334         CHIP RES. 1/10W J 22k $\Omega$ RRXAJR5Z0153           R335         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R337         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R341         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391           R342         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391			
R323         CHIP RES. 1/10W J 1k $\Omega$ RRXAJR5Z0102           R324         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R325         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0102           R326         CHIP RES. 1/10W J 1k $\Omega$ RRXAJR5Z0102           R327         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R328         CHIP RES. 1/10W J 22 $\Omega$ RRXAJR5Z0220           R329         CHIP RES. 1/10W J 22 $\Omega$ RRXAJR5Z0220           R330         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R331         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R332         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R333         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R334         CHIP RES. 1/10W J 15k $\Omega$ RRXAJR5Z0153           R336         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R337         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R341         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391           R342         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391			+
R324         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R325         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0102           R326         CHIP RES. 1/10W J 1k $\Omega$ RRXAJR5Z0102           R327         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R328         CHIP RES. 1/10W J 22 $\Omega$ RRXAJR5Z0220           R329         CHIP RES. 1/10W J 22 $\Omega$ RRXAJR5Z0220           R330         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R331         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R332         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R333         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R334         CHIP RES. 1/10W J 15k $\Omega$ RRXAJR5Z0153           R336         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R337         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R341         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391           R342         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391			
R325         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R326         CHIP RES. 1/10W J 1k $\Omega$ RRXAJR5Z0102           R327         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R328         CHIP RES. 1/10W J 22 $\Omega$ RRXAJR5Z0220           R329         CHIP RES. 1/10W J 22 $\Omega$ RRXAJR5Z0220           R330         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R331         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R332         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R333         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R334         CHIP RES. 1/10W J 15k $\Omega$ RRXAJR5Z0153           R335         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R337         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R337         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391           R342         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391			
R326         CHIP RES. 1/10W J 1k $\Omega$ RRXAJR5Z0102           R327         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R328         CHIP RES. 1/10W J 22 $\Omega$ RRXAJR5Z0220           R329         CHIP RES. 1/10W J 22 $\Omega$ RRXAJR5Z0220           R330         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R331         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R332         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R333         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R334         CHIP RES. 1/10W J 15k $\Omega$ RRXAJR5Z0153           R335         CHIP RES. 1/10W J 22k $\Omega$ RRXAJR5Z0103           R337         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R337         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391           R342         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391			
R327         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R328         CHIP RES. 1/10W J 22 $\Omega$ RRXAJR5Z0220           R329         CHIP RES. 1/10W J 22 $\Omega$ RRXAJR5Z0220           R330         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R331         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R332         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R333         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R334         CHIP RES. 1/10W J 15k $\Omega$ RRXAJR5Z0153           R335         CHIP RES. 1/10W J 22k $\Omega$ RRXAJR5Z0222           R336         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R337         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391           R342         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391			
R328         CHIP RES. 1/10W J 22 Ω         RRXAJR5Z0220           R329         CHIP RES. 1/10W J 22 Ω         RRXAJR5Z0220           R330         CHIP RES. 1/10W J 4.7k Ω         RRXAJR5Z0472           R331         CHIP RES. 1/10W J 4.7k Ω         RRXAJR5Z0472           R332         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R333         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R334         CHIP RES. 1/10W J 15k Ω         RRXAJR5Z0153           R335         CHIP RES. 1/10W J 2.2k Ω         RRXAJR5Z0222           R336         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R337         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R341         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0391           R342         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0391			
R329         CHIP RES. 1/10W J $22 \Omega$ RRXAJR5Z0220           R330         CHIP RES. 1/10W J $4.7k \Omega$ RRXAJR5Z0472           R331         CHIP RES. 1/10W J $4.7k \Omega$ RRXAJR5Z0472           R332         CHIP RES. 1/10W J $10k \Omega$ RRXAJR5Z0103           R333         CHIP RES. 1/10W J $10k \Omega$ RRXAJR5Z0103           R334         CHIP RES. 1/10W J $15k \Omega$ RRXAJR5Z0153           R335         CHIP RES. 1/10W J $2.2k \Omega$ RRXAJR5Z0222           R336         CHIP RES. 1/10W J $10k \Omega$ RRXAJR5Z0103           R337         CHIP RES. 1/10W J $10k \Omega$ RRXAJR5Z0103           R341         CHIP RES. 1/10W J $390 \Omega$ RRXAJR5Z0391           R342         CHIP RES. 1/10W J $390 \Omega$ RRXAJR5Z0391			
R330         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R331         CHIP RES. 1/10W J 4.7k $\Omega$ RRXAJR5Z0472           R332         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R333         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R334         CHIP RES. 1/10W J 15k $\Omega$ RRXAJR5Z0153           R335         CHIP RES. 1/10W J 2.2k $\Omega$ RRXAJR5Z0222           R336         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R337         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R341         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391           R342         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391			
R332         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R333         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R334         CHIP RES. 1/10W J 15k $\Omega$ RRXAJR5Z0153           R335         CHIP RES. 1/10W J 2.2k $\Omega$ RRXAJR5Z0222           R336         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R337         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R341         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391           R342         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391	R330		RRXAJR5Z0472
R333         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R334         CHIP RES. 1/10W J 15k $\Omega$ RRXAJR5Z0153           R335         CHIP RES. 1/10W J 2.2k $\Omega$ RRXAJR5Z0222           R336         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R337         CHIP RES. 1/10W J 10k $\Omega$ RRXAJR5Z0103           R341         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391           R342         CHIP RES. 1/10W J 390 $\Omega$ RRXAJR5Z0391	R331	CHIP RES. 1/10W J 4.7k Ω	RRXAJR5Z0472
R334         CHIP RES. 1/10W J 15k $Ω$ RRXAJR5Z0153           R335         CHIP RES. 1/10W J 22k $Ω$ RRXAJR5Z0222           R336         CHIP RES. 1/10W J 10k $Ω$ RRXAJR5Z0103           R337         CHIP RES. 1/10W J 10k $Ω$ RRXAJR5Z0103           R341         CHIP RES. 1/10W J 390 $Ω$ RRXAJR5Z0391           R342         CHIP RES. 1/10W J 390 $Ω$ RRXAJR5Z0391	R332	CHIP RES. 1/10W J 10k $\Omega$	RRXAJR5Z0103
R335         CHIP RES. 1/10W J $2.2$ k $Ω$ RRXAJR5Z0222           R336         CHIP RES. 1/10W J $10$ k $Ω$ RRXAJR5Z0103           R337         CHIP RES. 1/10W J $10$ k $Ω$ RRXAJR5Z0103           R341         CHIP RES. 1/10W J $390$ $Ω$ RRXAJR5Z0391           R342         CHIP RES. 1/10W J $390$ $Ω$ RRXAJR5Z0391	R333	CHIP RES. 1/10W J 10kΩ	RRXAJR5Z0103
R336         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R337         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R341         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0391           R342         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0391	R334	CHIP RES. 1/10W J 15k $\Omega$	RRXAJR5Z0153
R337         CHIP RES. 1/10W J 10k Ω         RRXAJR5Z0103           R341         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0391           R342         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0391	R335	CHIP RES. 1/10W J 2.2k $\Omega$	RRXAJR5Z0222
R341         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0391           R342         CHIP RES. 1/10W J 390 Ω         RRXAJR5Z0391	R336	CHIP RES. 1/10W J 10k $\Omega$	RRXAJR5Z0103
R342 CHIP RES. 1/10W J 390 Ω RRXAJR5Z0391	R337	CHIP RES. 1/10W J 10kΩ	RRXAJR5Z0103
	R341	CHIP RES. 1/10W J 390 Ω	RRXAJR5Z0391
R343 CHIP RES. 1/10W J 1k $\Omega$ RRXAJR5Z0102	R342	CHIP RES. 1/10W J 390 Ω	RRXAJR5Z0391
	R343	CHIP RES. 1/10W J 1k Ω	RRXAJR5Z0102

Ref. No.	Description	Part No.	
R344	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103	
R345	CHIP RES. 1/10W J 1k Ω	RRXAJR5Z0102	
R346	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103	
R347	CHIP RES. 1/10W J 22 Ω	RRXAJR5Z0220	
R348	CHIP RES. 1/10W J 22 Ω	RRXAJR5Z0220	
R349	CHIP RES. 1/10W J 4.7k Ω	RRXAJR5Z0472	
R350	CHIP RES. 1/10W J 4.7k Ω	RRXAJR5Z0472	
R351	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103	
R352	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103	
R353	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103	
R356	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103	
R357	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103	
R361	CHIP RES. 1/10W J 390 Ω	RRXAJR5Z0391	
R362	CHIP RES. 1/10W J 390 Ω	RRXAJR5Z0391	
R363	CHIP RES. 1/10W J 1k Ω	RRXAJR5Z0102	
R364	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103	
R365	CHIP RES. 1/10W J 1k Ω	RRXAJR5Z0102	
R366	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103	
R367	CHIP RES. 1/10W J 22 Ω	RRXAJR5Z0220	
R368	CHIP RES. 1/10W J 22 Ω	RRXAJR5Z0220	
R369	CHIP RES. 1/10W J 4.7k Ω	RRXAJR5Z0472	
R370	CHIP RES. 1/10W J 4.7k Ω	RRXAJR5Z0472	
R371	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103	
R372	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103	
R373	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103	
R376	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103	
R377	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103	
	MISCELLANEOUS		
JS326	PCB JUMPER D0.6-P5.0	JW5.0T	
JS346	PCB JUMPER D0.6-P5.0	JW5.0T	
JS366	PCB JUMPER D0.6-P5.0	JW5.0T	
T301 <b>▲</b>	TRANS INVERTER ETJV27ZJ24AC	LTZ2PC0MS003	
T302▲	TRANS INVERTER ETJV27ZJ24AC	LTZ2PC0MS003	
T303 <b>▲</b>	TRANS INVERTER ETJV27ZJ24AC	LTZ2PC0MS003	

### **ANALOG KEY CBA**

Ref. No.	Description	Part No.
	ANALOG KEY CBA Consists of the following:	1ESA13201
	FUNCTION CBA IR SENSOR CBA	

### **FUNCTION CBA**

Ref. No.	Description	Part No.	
	FUNCTION CBA Consists of the following:		
	CAPACITOR		
C61	CHIP CERAMIC CAP.(1608) B K 0.01μF/50V	CHD1JK30B103	
	RESISTORS		
R61	CHIP RES. 1/10W J 10k Ω	RRXAJR5Z0103	
R62	CHIP RES. 1/10W J 47 Ω	RRXAJR5Z0470	
R63	CHIP RES. 1/10W J 1.5k Ω	RRXAJR5Z0152	
R64	CHIP RES. 1/10W J 1.5k Ω	RRXAJR5Z0152	
R65	CHIP RES. 1/10W J 2.2k Ω	RRXAJR5Z0222	
R66	CHIP RES. 1/10W J 2.7k $\Omega$	RRXAJR5Z0272	
R67	CHIP RES. 1/10W J 4.7k $\Omega$	RRXAJR5Z0472	
R68	CHIP RES. 1/10W J 6.8k $\Omega$	RRXAJR5Z0682	
R69	CHIP RES. 1/10W J 10k $\Omega$	RRXAJR5Z0103	
R70	CHIP RES. 1/10W J 47 $\Omega$	RRXAJR5Z0470	
SWITCHES			
SW61	TACT SWITCH SKQSAB	SST0101AL038	

Ref. No.	Description	Part No.
SW62	TACT SWITCH SKQSAB	SST0101AL038
SW63	TACT SWITCH SKQSAB	SST0101AL038
SW64	TACT SWITCH SKQSAB	SST0101AL038
SW65	TACT SWITCH SKQSAB	SST0101AL038
SW67	TACT SWITCH SKQSAB	SST0101AL038
SW71	TACT SWITCH SKQSAB	SST0101AL038
MISCELLANEOUS		
CLN104	WIRE ASSEMBLY SW 4PIN 230MM AWG26	WX1L2601-001
JS62	PCB JUMPER D0.6-P5.0	JW5.0T
JS63	PCB JUMPER D0.6-P5.0	JW5.0T

### **IR SENSOR CBA**

Ref. No.	Description	Part No.	
	IR SENSOR CBA Consists of the following:		
	CAPACITOR		
C91	EConsists of the following:LECTROLYTIC CAP. 47μF/10V M H7	CE1AMASSL470	
	DIODE		
D91	LED L-53HT	NP4Z000L53HT	
	TRANSISTOR		
Q91	TRANSISTOR 2SC4081 T106 Q	QQ1Q02SC4081	
	RESISTORS		
R91	CARBON RES. 1/4W J 10k Ω	RCX4JATZ0103	
R92	CHIP RES. 1/10W J 68 $\Omega$	RRXAJR5Z0680	
R93	CARBON RES. 1/4W J 68 $\Omega$	RCX4JATZ0680	
R94	CARBON RES. 1/4W J 150 $\Omega$	RCX4JATZ0151	
R95	CHIP RES. 1/10W J 150 $\Omega$	RRXAJR5Z0151	
R96	CHIP RES. 1/10W J 10k $\Omega$	RRXAJR5Z0103	
	MISCELLANEOUS		
CLN105	WIRE ASSEMBLY SENSOR 5PIN 200MM AWG26	WX1L2601-002	
JS91	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000	
JS93	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000	
JS94	CHIP RES.(1608) 1/10W 0 Ω	RRXAZR5Z0000	
RCV91	PHOTO LINK MODULE KSM-712TH2E	USESJRSKK044	



## SERVICE MANUAL

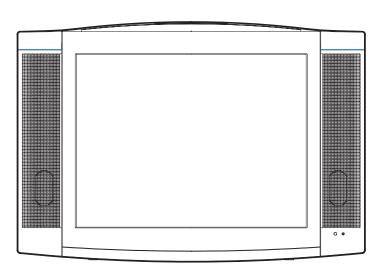
Model EWL20S5 has non-A, A, B and C version types. For the C version model, suffix C is printed to the model number as EWL20S5 C on the Rating Label, and for the non-A, A and B version models, suffix C is not printed to the model number.



Refer to the Rating Label on the back of the unit to make sure model types.

This service manual is for the EWL20S5 C version model, and shows only the differences between the EWL20S5 C version model and EWL20S5 B version model. All other information is described in the service manual of the EWL20S5 B version model.

# 20" COLOR LCD TELEVISION EWL20S5



### Different parts from the B version model (EWL20S5)

Ref. No.	Description	Part No.
MECHANICAL PARTS		
A6 <b>♠</b>	RATING LABEL L2621UB	
LCD1	LCD MODULE ASSEMBLY UE200XB	1FSA10155
S1	CARTON L2601UB	1EM423468A
X2 <b>A</b>	OWNER S MANUAL L2601UB	1EMN21873A
<b>ELECTRICA</b>	L PARTS	·
	MMA CBA	1ESA13457
	MAIN CBA	
Q503	TRANSISTOR KTD2059-O/P	NQE0KTD2059P
R507	Not Used	
R514	CHIP RES. 1/10W F 6.8k Ω	RRXAFR5H6801
R516	CHIP RES. 1/10W F 1.6k Ω	RRXAFR5H1601
R522	CARBON RES. 1/4W J 10 Ω	RCX4JATZ0100
R523	CARBON RES. 1/4W J 10 Ω	RCX4JATZ0100
R524	CARBON RES. 1/4W J 10 Ω	RCX4JATZ0100
R525	CARBON RES. 1/4W J 10 Ω	RCX4JATZ0100
R1245	CHIP RES. 1/10W F 470 Ω	RRXAFR5H0471
R1246	CHIP RES. 1/10W F 330 Ω	RRXAFR5H3300
R1247	CHIP RES. 1/10W F 470 Ω	RRXAFR5H0471
R1251	CHIP RES. 1/10W F 180 Ω	RRXAFR5H1800
R1255	CHIP RES. 1/10W F 18K Ω	RRXAFR5H1802
R1275	CHIP RES. 1/10W F 3.6K $\Omega$	RRXAFR5H3601
R1276	CHIP RES. 1/10W F 11K Ω	RRXAFR5H1102